Flexible
Practical
Remarkable
E-abel



ELECTRICAL SYSTEM PROJECT SOLUTION SUPPLY

CONTROL PANEL DESIGN ASSEMBLY

- 25+Years Experience
- 30,000 SQM Self-Owned Factory
- 20+ Engineers Around The World
- CE/UL/IP/ISO Guarantee
- 10000+ Custom Case

CONTENTS

Company 01

About Us ---- 1
Our Patents and Certificates ---- 2
Business Partnership ---- 3
Why Choose E-abel ---- 4-5
The Solutions of Electrical Enclosures ---- 6-9

Our products 02

Wall Mount AE Standard Solution ---- 10-13
Custom Service Base on AE Series ---- 14-15
Enclosure Relevant Smart Accessory Options ---- 16-20
Parallel Control System PS Cabinet ---- 21-24
Outdoor IP55 ES Cabinet Enclosure ---- 25
Economical Type EK Enclosure ---- 26-27
Integrated Battery Energy Storage Cabinet ---- 28-29
Enclosure Relevant Smart Accessory Options ---- 30-35
IT Server Rack Cabinet ---- 36-42
New Energy Charging System ---- 43-48
Load Centers & Distribution Board & Air Conditioner Disconnect Box ---- 49-55
Power Distribution & Control Panel ---- 56-60
Industrial Control System(HMI System, PC Enclosures, Desk Console) ---- 61-76
Industrial Multi-functional Programmable Welding Robot ---- 77
Ergonomic Assembly Frame ---- 78-79

Advantage 03

Workshop ---- 80-81
Manufacturing Process ---- 82-83
To be E-abel's Distributors ---- 84

Responsibility 04

Social Responsibility ---- 85



ABOUT US

▪ E-abel is one of the largest enclosure manufacturers in south China with more than 15-year experience.
We apply an intelligent automated workshop to meet customers' demands in shorter time. E-abel are committed to maintaining the leading position in this market with the industrial standard of IEC/ANSI, and offering you quality NEMA/IP rating enclosures with great prices.

▪ ITAP Group owns our headquarter located in the United States, and E-abel is as a wholly-owned subsidiary of ITAP, with a R&D team in Singapore. The main business is including manufacturing, Engineer design, assembly and after-sales service center, which develops flexible business practices globally.

▪ E-abel has set up partner offices in Korea (Asian Market), Tanzania/Dubai (Middle East Market), Nigeria (African Market), Panama/USA (American Market). You can be ted the lowest transportation cost and fastest service.

▪ Flexible, Practical, Remarkable, E-abel delivers the perfect solutions.

▪ We need professional partner all around the world to be our distributors.

QUALIFICATION CERTIFICATE



After years of hard work and innovation, we have been recognized by the majority of users. Our products are exported to Europe, North America, Australia and other countries around the world. We have been tested by many authoritative institutions at home and abroad and have obtained relevant certifications.



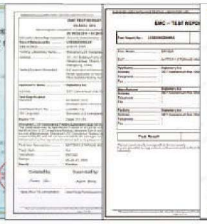








Smart Design Patented Invention



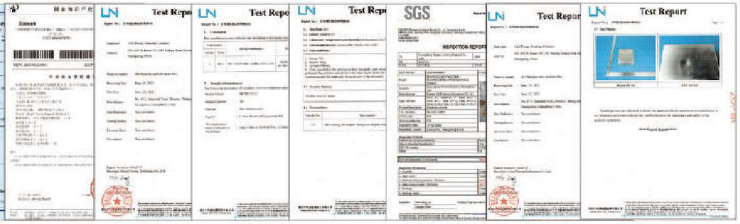
Lifespan Test Report



ISO9001/ISO45001/ISO14001



CQC Quality Test Report



IK IP NEMA Protection Grade Test Report

BUSINESS PARTNERSHIP

Our Business PartnerS

Active in International Exhibitions

- We are proud to announce that we have actively participated in more than 50 international fairs over the past ten years.
- The electrical application leads our connections with various related industries, such as ours connections with various related industries, such as automated production, water treatment, construction industry, machinery and equipment, etc.












We welcome customers to visit our factory

- You are warmly welcome to visit our factory and experience the production procedure.
- We strictly implement a series of production processes, from rapid preparation of raw materials, to material handling, process processing and semi-finished product assembly QCT and packaging. Only in this way can we meet our customers' needs.
- Witnessing our high-standard production technology and EMS production management with your own eyes, You'll be impressed.











WHY CHOOSE E-ABEL ?

With E-abel's innovative general distribution box, we supply the one-stop solutions for your value creation process from engineering to procurement, and from manufacturing to operating.



- **Welding Process Display:** Welds ensure waterproof applications.
- **Seamless Angle Machine Process Display:** All welded to ensure water resistance
- **Nitrogen Laser Cutting Function:** longer lifespan, prevent rust, waterproof, E-abel VS Others

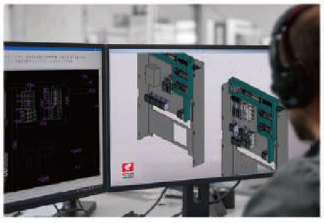




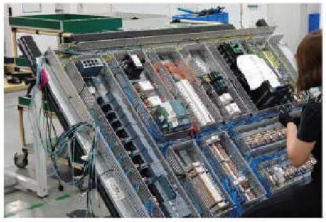
IMPETUS FOR YOUR ENGINEERING

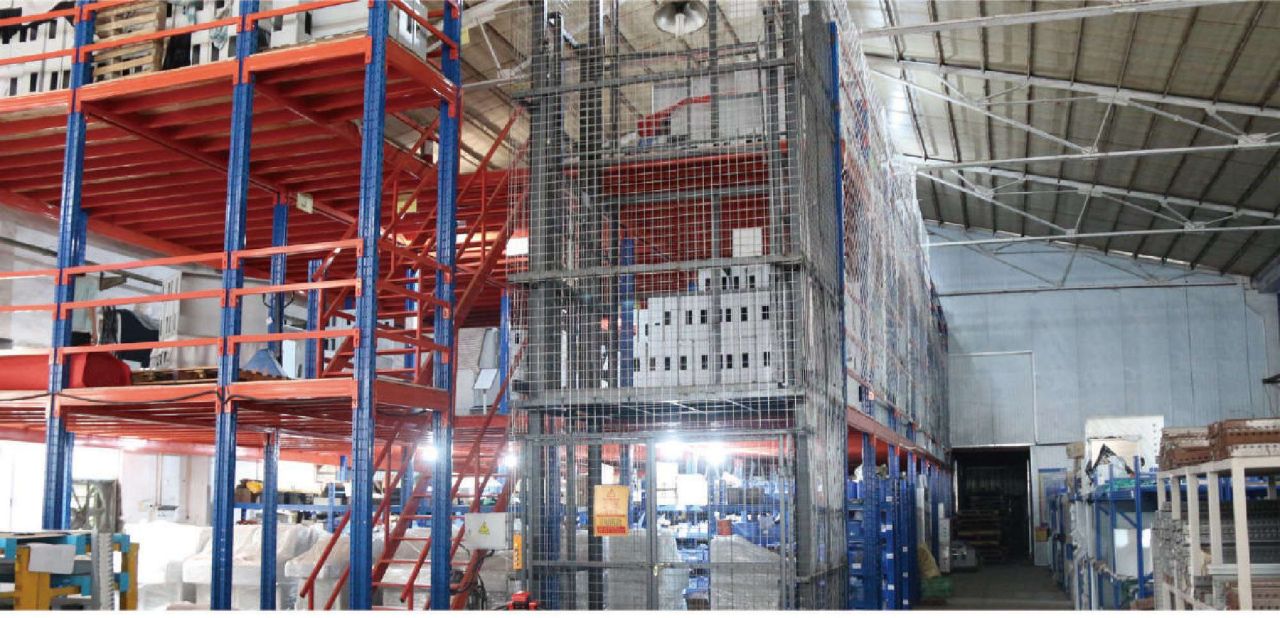
- One-stop service from enclosure to full unit system assembly, powerful supply chain saving more cost during the process; Assembly line production management, combined with Eplan, provides efficient and standard solution.











WE SPEED UP YOUR LEAD TIME WITH RTS GOODS

Standard models of our AE & PS series（Boxes & Cabinets) are stock in our warehouse, meeting your urgent demand.

Standard Stocked Enclosures, 2 days fast delivery.

- Further more, various kits and accessories are in warehouse stock for your smart watching, E-abel can speed up process and boost productivity at lower cost to fit your project.
- We provide comprehensive support for 3D drawing, and for Electric engineering consultant. we can help your future business.
- E-abel strategic stocks of standard size, provide the best possible availability to meet customers' expectations, with CE/cUL/NEMA/IP IK Certification.









DARE TO COMPARE!

THINGS TO LOOK FOR:

Ours vs Theirs

An Alternative to Average & Professional Boxes

	Traditional Distribution box	E-abel General Box	E-abel Customized Box
	Customized from sketch	Pre-built sizes Ready to ship	Customized from sketch
	Not reusable	Reusable	Reusable
Lead Time	28 days	2 days	20 days
IP/NEMA	Limited ratings	All ratings available	All ratings available
Powder Coating	Easily rusted outdoor in 1 year	Coated surface for 10-year outdoor using	Coated surface for 10-year outdoor using
	Comparable cost	Low Cost	Cost-effective
	Fixed height	Adjustable Height	Adjustable Height
PU foam Gasket	Without PU foam	PU foam Gasket for 10-year using	PU foam Gasket for 10-year using
	Dangerous without the Protective Cover	More Safe	More Safe

General in assemble, General in use, Less Costing More Safe

- IP66 with Protective Cover, More Safe inside.
- Patented mounting Brackets.
- Welding free, Hassle Free.
- One Box Fits all components.
- Saving around 50%~ 30% purchasing cost.
- Saving around 70%~50% you assembly worken.

WHAT DO THE NEMA RATINGS MEAN?



NEMA 1 Enclosure

NEMA 1

NEMA 1 enclosures are typically used in door for protecting controls and terminations from objects and personnel. This style of enclosure, while offering a latching door, does not have agasketed sealing surface. NEMA 1 enclosures are used in applications where sealing outdust, oil, and water is not required. Motor start/stop stations are often housed in NEMA 1 enclosures.



NEMA 12 Enclosure

NEMA 12

NEMA 12 enclosures are designed to prevent the entry of dust, water, and oil. NEMA 12 enclosures are most often used for indoor applications of automation control and electronic drives systems. Some examples are packaging, material handling, non-corrosive process control, and manufacturing applications. Gasketed doors seal the enclosure's contents from airborne contaminants and non-pressurized water and oil. NEMA 12 enclosures are avail-able in sizes from small wall mounts to two-door floor mount models.



NEMA 3R Enclosure

NEMA 3R

NEMA 3R enclosures are typically used in outdoor applications for wiring and junction boxes. This style of enclosure provides protection against rain, sleet, snow, and external ice formation. Indoors they protect against dripping water. This style of enclosure does not have a gasketed sealing surface. Some models have hasps for padlocking.

NEMA 3S

NEMA 3S enclosures are intended for outdoor use primarily to provide a degree of protection against dust, rain, sleet, and to provide for operation of external mechanisms when ice laden.



NEMA 4 Enclosure

NEMA 4

NEMA 4 enclosures are used in many applications where an occasional washdown occurs or where machine tool cutter coolant is used. They also serve in applications where a pres-surized stream of water will be used. NEMA 4 enclosures are gasketed and their doors are clamped for maximum sealing. They have continuous hinges, mounting feet, and padlock hasps. NEMA 4 enclosures are available in sizes from small wall mounts to two-door floor mount models.



NEMA 4X Enclosure

NEMA 4X

NEMA 4X enclosures are made of stainless steel or plastic. NEMA 4X enclosures are used in harsher environments than standard NEMA 4 units. Applications where corrosive materials and caustic cleaners are used necessitate the use of a NEMA 4X enclosure. Applications include food, such as meat/poultry process-ing facilities, where total washdown with disin-fectants occur repeatedly and petro-chemical facilities, including offshore petroleum sites. NEMA 4X is used when protection from the worst environments is required. NEMA 4X enclosures are available in sizes from small wall mounts to two-door floor mount models. Wiegmann NEMA 4X enclosures are made of 304 stainless steel.

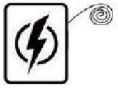


NEMA 6P Enclosure

NEMA 6P

NEMA 6P enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against the entry of water during prolonged submersion at a limited depth.

IP AND IK CLASSIFICATIONS

First Number	Protective object	Second Number	Waterproof	IK	Resistance to physical shock
IP	Protection	IP	Protection	IK	Test
0	 无防护 No protection.	0	 无防护 No protection.	00	 无防护 No protection
1	 防护50mm直径和更大的固体外来体 Protected against solid objects up to 50 mm e.g. to 50 mm e.g. hands.	1	 防护垂直落下的水滴 Protected against vertically falling drops of water.	01-05	 冲击<1 焦耳 Impact<1 joule
2	 防护12.5mm直径和更大的固体外来体 Protected against solid objects up to 12.5 mm e.g. fingers.	2	 箱体倾斜15° 时，防护垂直落下的水滴 Protected against direct sprays of water up to 15° from the vertical.	06	 1焦耳冲击 Impact 1 joule
3	 防护2.5mm直径和更大的固体外来体 Protected against solid objects over 2.5mm (tools+small wires).	3	 防护以60° 角从垂直线两侧溅出的水 Protected against water sprayed from all directions-limited ingress permitted.	07	 2焦耳冲击 Impact 2 joule
4	 防护1.0mm直径和更大的固体外来体 Protected against solid objects over 1mm (tools+small wires).	4	 防护从每个方向对准箱体的溅水 Protected against water sprayed from all directions-limited ingress per.	08	 5焦耳冲击 Impact 5 joule
5	 防护灰尘 Protected against dust- limited ingress permitted (no harmful deposit).	5	 防护从每个方向对准箱体的低压喷水 Protected against low pressure jets of water from all directions-limited ingress permitted.	09	 10焦耳冲击 Impact 10 joule
6	 吹灰不进 Flying dust totally can not enter the inside box	6	 防护从每个方向对准箱体的高压喷水 Protected against strong jets ofwatere.g. for use onshipdecks-limited ingress permitted.	10	 20焦耳冲击 Impact 20 joule
	Rating Example: IP65 Ingress Protection	7	 防护在15cm~1m深水浸入30分钟 Protected against the effects of immersion between 15 cm and 1m.		
		8	 防护长时间浸入水中 Protected against long periods of immersion under pressure.		

APPLICATION FIELD

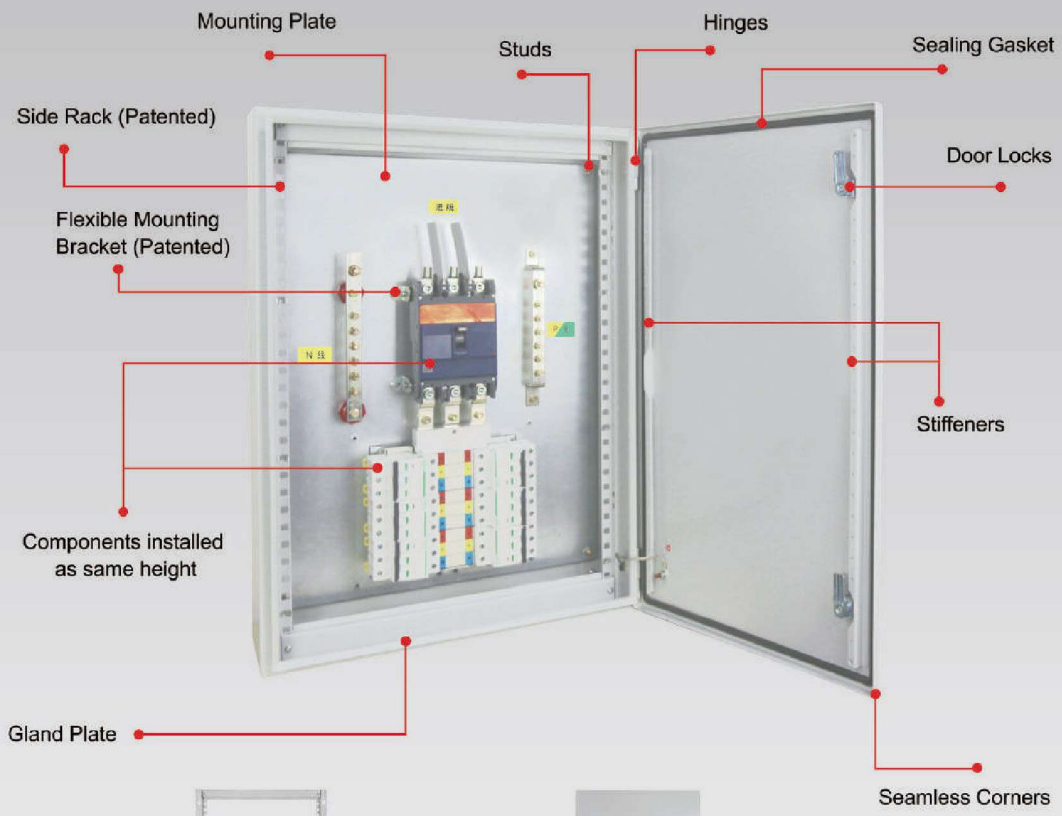



AUTOMATIC PRODUCTION LINE &
STANDARD MODEL SAVING COST &
FAST DELIVERY

Wall Mount AE Enclosure



Wall Mount AE Enclosure





Patented Side Rack

Patented Mounting Brackets



Protective Cover

Sheet Steel Thickness

- Box: 1.2mm
- Door: 1.5mm
- Mounting Plate
- 2.0 mm Galvanized steel

Protection Category

- UL, (UL508A) Type 4, 4X
- NEMA 4, 4X
  IEC60529
- IP66
- CE

Surface Treatment

- Dipcoat-primed
- Externally powder-coated
  RAL 7035 textured paint
- Anti-UV
- Anti-Cracking

GENERAL IN ASSEMBLY
GENERAL IN USE

YouTube



Germany Styrofoam | Leakage Protection | Metal or Plastic Lock

Standard Supply Include:

Enclosure and door, Mounting plate, Lock system

Gland plate, Sealing gasket and fixing accessories.

Optional Supply: Mounting bracket, Protective cover, Mini-firefighter.

Standard Configuration:

Paint finish epoxy polyester powder coating texture finish

Color: RAL 7035

Protection degree: IP66

Against mechanical impacts: IK 10

UL 508A TYPE 4, NEMA 1-3R ,NEMA 4， NEMA 4X,

Paints Thickness optional: 80μm－120μm

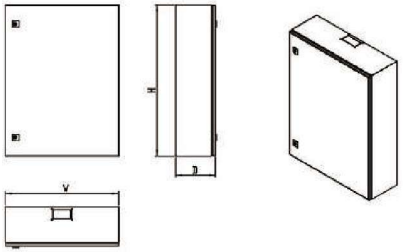
Standard optional dimension parameters

Thickness:

Enclosure	Door	Enclosure Height
1.2	1.2	250-600mm
1.2	1.5	700-900mm
1.5	1.5	1000-1200mm

Mounting plate (Galvanized Steel):

Mounting plate	Enclosure Height
1.2	400-600mm
1.2	700-900mm
1.2	1000-1200mm



Selection table:

Model	Size(mm)			NO.of Lock
	H	W	D	
AE-252016-A	250	200	160	1
AE-302516-A	300	250	160	1
AE-302521-A	300	250	210	1
AE-303016-A	300	300	160	1
AE-403016-A	400	300	160	1
AE-403021-A	400	300	210	1
AE-404016-A	400	400	160	1
AE-504016-A	500	400	160	1
AE-504021-A	500	400	210	1
AE-504026-A	500	400	260	1
AE-605016-A	600	500	160	2
AE-604021-A	600	400	210	2
AE-604026-A	600	400	260	2
AE-705021-A	700	500	210	2
AE-705026-A	700	500	260	2
AE-706016-A	700	600	160	2
AE-805021-A	800	500	210	2
AE-805026-A	800	500	260	2
AE-806021-A	800	600	210	2

Model	Size(mm)			NO.of Lock
	H	W	D	
AE-906021-A	900	600	210	2
AE-906026-A	900	600	260	2
AE-907021-A	900	700	210	2
AE-106021-A	1000	600	210	2
AE-106026-A	1000	600	260	2
AE-107021-A	1000	700	210	2
AE-107026-A	1000	700	260	2
AE-116021-A	1100	600	210	2
AE-116026-A	1100	600	260	2
AE-117021-A	1100	700	210	2
AE-117026-A	1100	700	260	2
AE-118021-A	1100	800	210	2
AE-118026-A	1100	800	260	2
AE-126021-A	1200	600	210	2
AE-126026-A	1200	600	260	2
AE-127021-A	1200	700	210	2
AE-127026-A	1200	700	260	2
AE-128021-A	1200	800	210	2
AE-128026-A	1200	800	260	2

For more specifications, please contact us.

CUSTOM SERVICE OF E-ABEL BOX

DIFFERENT APPLICATION SYSTEMS







SIZE CUSTOMIZATION

Whether your enclosure requires button holes, modified dimensions or other special E-abel Box can be customized for your project.

MATERIAL OPTIONAL

SS 304
SS 316
Metal sheet
Aluminium alloy
Galvanized Steer

CUSTOMIZE POWDER COATING COLORS FOR YOUR PROJECT

Customizable RAL color codes
E-abel offers thousands of enclosure designs that can be modified to suit your needs.

CHOOSE FROM DIFFERENT ENVIRONMENTAL APPLICATION AREAS

COMBINED DISTRIBUTION BOXES

The distribution boxes can be combined according to your needs
IP rating: IP44-IP68
Shell material: PC ABS +
Temperature:-40℃~85℃
Customizable

OUTDOOR USE:

Protection level
Anti-corrosion properties
Weather resistance
Meet the protection of weak current equipment in complex outdoor environments;
Confirm the overall firmness and safety and reliability in outdoor environment.

A SINGLE PARTNER FOR ALL YOUR SERVICE NEEDS

▪ Expert knowledge of your equipment and systems ▪ Fast and reliable service ▪ Cost-effective and flexible planning

eabel Service offers you a comprehensive range of services. We can work with you to keep your equipment, and your business, running Efficiently!







HYGIENIC STAINLESS STEEL ENCLOSURE IP69K & NAMA 4X

FOOD & BEVERAGE:

E-abel's hygienic design enclosures and climate control solutions are engineered specifically for use in the food and beverage industry and are designed to stand up to aggressive sanitation protocols to help ensure production equipment is clean at the microbiological level.



- For electrical applications in the hygiene industry, including places that require a safe environment, such as food factories, hospitals, pharmaceutical factories, Chemical factories and so on.

- Corrosion-resistant, heat-resistant; detergent; Smooth surface, quick and efficient cleaning (IP69K).

- Internal hinge design non-adhesive to dirt, Food-grade silicone strip can be easily replaced.

- Made of environmentally friendly materials, 100% recyclable.





ENCLOSURE RELEVANT SMART ACCESSORY OPTIONS

Side Rack & Protective cover & Inner door



(F02) (F03) (F04)

Welding free structure to install the protective cover in more easier and faster way.

Part NO.	F02	F03	F04
	Side rack	Protective cover	Inner door
Material	Sheet steel		
	IP41 for secondary protection		

Rail



(F09-A)

Rail is to be fixed on the cabinet to hold electronic components (Circuit breaker, DIN-panel meter, etc).

Product code	F09-A	F09-B
Material	Galvanized steel	Aluminum
Color/size: Customizable		

Bucket nut



(F15-A)

Material: Special designed nut use to install on AE wall mount manufactured from Zinc Alloy.
Package: 50 pcs / bag.

Application model	F15-A
Material	Galvanized steel

Side rack lift-up



(F17-A)

Special design for the side rack, able to adjust the height of the side rack.

Application model	F17-A
Material	Galvanized steel

Door Hinge



(F06-A) (F06-B)

Door hinges on the left for the left open door, door hinges on the right for the right open door.

Part NO.	F06-A	F06-B
Material	Galvanized steel/Stainless steel	

Wall mounting bracket



(F10-A)



(F10-B)

Manufactured in 4mm steel zinc plated passivated. Pack of 4 pieces with fixing material. For box model AE / JF wall mount enclosure.

Product code	F10-A	F10-B
Application model	AE	
Material	Galvanized steel/Stainless steel	

Metal Lock



(F05-A)



(F05-E)



(F05-F)



(F05-H)



(F05-B)



(F05-D)



(F05-G)



(F05-I)

All lock cores are made of strong galvanized steel with long service life. Optional lock style can meet your demand.

Part No.		Material	Protection
F05-A	MS813	ABS surface ABS Galvanize steel core	IP54
F05-B	MS821	ABS surface ABS Galvanize steel core	IP54
F05-D	AB403	Galvanize steel/Plastic	IP54
F05-E	Plastic	ABS	IP54
F05-F	304	Stainless steel square lock	IP54
F05-G	705	stainless steel（Straight lock piece）	IP66
F05-H	705	stainless steel（Ordinary word lock）	IP55
F05-I	MS-762	Plastic lid, metal lock	IP65

Cable waterproof joint



CE RoHs **IP68**

Shell: PA/SUS 304(optional)

Clamping ring: PA

Seal: NBR

IP rating: IP68 with specified mating threads and O-ring

Ambient temperature: -40℃ to 100℃

Working temperature: -40℃ to 100℃ in static state, or instantaneous up to 120℃;-20℃ to 80℃ in dynamic state, or instantaneous up to 100℃

Fire resistance: UL94-V2

Part No.	Thread	Panel Mounting hole mm	AG Diameter mm	GL mm	H mm
F51-A	PG9	4X1.4	15.6	8	22
F51-B	PG11	2X 4	18.6	8	25
F51-C	PG11	3X3	18.6	8	25
F51-D	PG13.5	2X5	20.4	9	26.5
F51-E	M12X1.5	3-6.5	12	6.5	19
F51-F	M12X1.5	2-5	12	6.5	19
F51-G	M12X1.5	4-8	16	8	21
F51-H	M12X1.5	2-6	16	8	21

For more specifications, please contact us.

MINI-Firefighther



(F52-A)

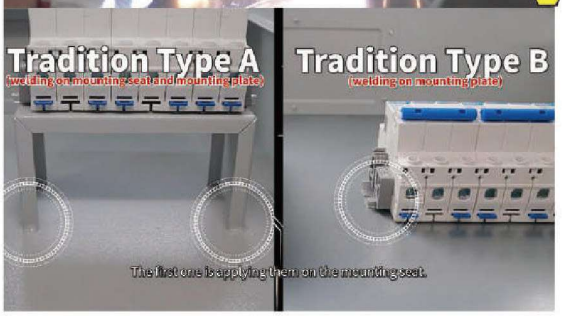


Application model	F52-A
Function	Once the temperature reaches 170°C , then Mini Fire Fighter will be activated, and release yellow inert gas to extinct the fire within 0.3m³.
At the same time, this yellow inert gas will leak out from the distribution box , and remind people for the fire incident.	



VS







Mounting bracket



YouTube

Smart stand for easy adjustment or replacement of electrical components. Passed 96 hours salt spray test

Part NO.							
	Rail - Housing electronic components	F07-A03	F07-B01	F07-B02	F07-B03	F07-B04	F07-B05
Width (mm)		100.5mm	80mm	93mm	110mm	123mm	152mm
Material	Galvanized steel						

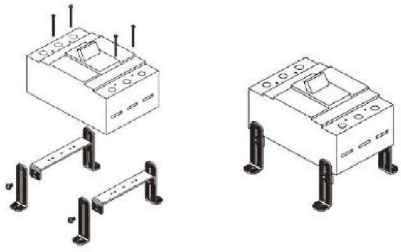
Mounting Bracket Ruler

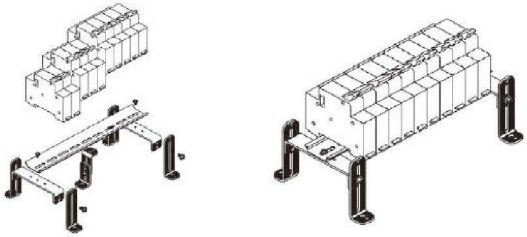


(F08-A)
(Mounting Bracket Ruler)

To balance the brackets assembly just at same height.

Product code	F08-A
Material	Galvanized steel







FLEXIBLE OEM CUSTOMIZATION MODEL BASED ON AE SERIES

PRETTY FIT CLIENTS' PROJECT DEMAND OF DIFFERENT APPLICATIONS
THE FASTEST DELIVERY TIME IS 2-5 DAYS



Outdoor Telecom Box



Rainproof Meter Box With Window



Robotic PLC Control Box



Pollution Water Treatment Control Box



Refrigeration Compressor Control Box



Food Process Control Box



Heat Process Equipment Junction Box



Fire Pump System Electrical Box



Oil Gas Industry Electrical Box



PROJECT CASE

COMPREHENSIVE ELECTRICAL SOLUTIONS FOR DIVERSE APPLICATIONS

- NEMA4X stainless steel control boxes for food production auto process line control
- Outdoor IP65 stainless steel boxes for parking power distribution control
- Construction site temporary electricity supply and preinstalled electrical box for project
- Government project outdoor CCTV telecom boxes with wireless communication.
- Panel control box and combiner box for quick connection for solar energy.
- IP68 waterproof dustproof industrial power usege.













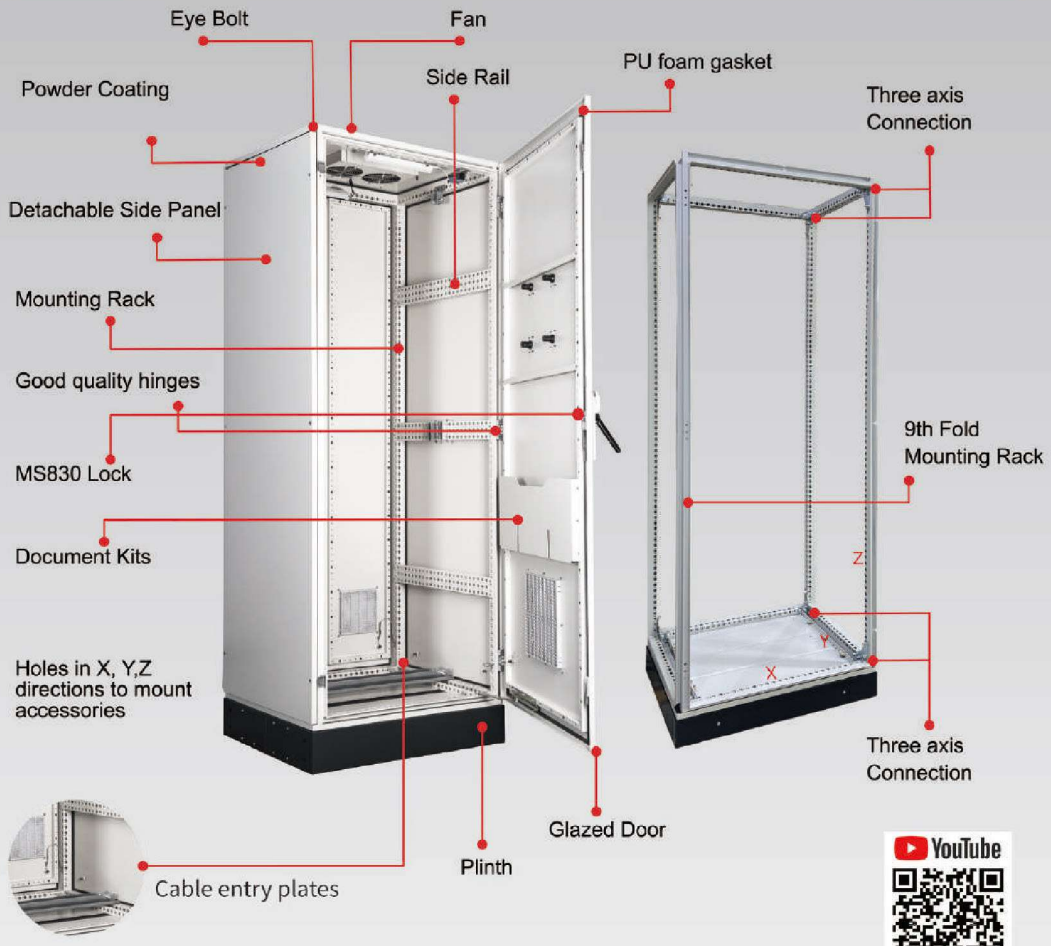




Parallel Control System PS



Parallel Control System PS



YouTube

Material

- Sheet steel / Stainless steel
- Enclosure: 1.5 mm
- Door: 2.0 mm
- Gland plate: 2.0 mm
- Mounting plate: 2.5mm

Protection Category

- IP43 NAMA 1-3R
- IK10

  UL, （UL 508A）
- Weight/ unit: 157.1 kg
- Carry： 1500KG

Surface Treatment

- Dipcoat-primed
- Externally

  Powder-coated

  RAL 7035 textured paint

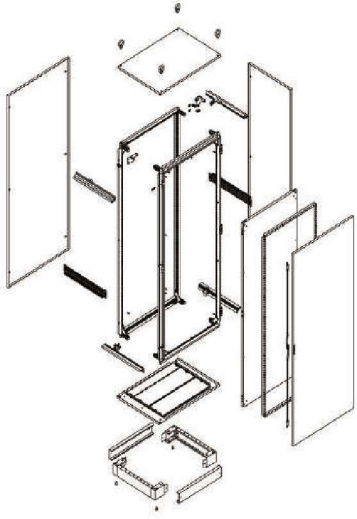
  Declaration of conformity

  Manufacturer



PS FREE-STANDING ENCLOSURES

BAYING SYSTEM PS SERIES CABINET



YouTube

IP66 IK

- Material: Cold rolling steel

AISI 316L 304L Stainless steel

- Protection degree: IP43, Impact resistance IK10
- Color: RAL 7035, Paint finish epoxy polyester powder coating texture finished. Thickness of the sheet steel: Front door 2.0mm / Enclosure body 1.5mm, bottom cable plate 1.5mm / Galvanized mounting plate: 2.5mm.
- Supply Include: Front door with Reinforcing frame,hinges and MS821 lock system, 9 folded profile, Rear panel Mounting plate & 4 mounting plate supports, 4 lifting eyebolts, Top cover, Removable cable gland plate. Plinth to be offered separately (See the accessory list on next page).

Selection table:

Model	Size(mm)		
	H	W	D
PS-166060-A	1600	600	600
PS-166080-A	1600	600	800
PS-168060-A	1600	800	600
PS-168080-A	1600	800	800
PS-161060-A	1600	1000	600
PS-161080-A	1600	1000	800
PS-161010-A	1600	1000	1000
PS-161260-A	1600	1200	600
PS-161280-A	1600	1200	800
PS-161210-A	1600	1200	1000
PS-186060-A	1800	600	600
PS-186080-A	1800	600	800
PS-188060-A	1800	800	600

Model	Size(mm)		
	H	W	D
PS-188080-A	1800	800	800
PS-181060A	1800	1000	600
PS-181080-A	1800	1000	800
PS-181210-A	1800	1200	1000
PS-206060-A	2000	600	600
PS-206080-A	2000	600	800
PS-201010-A	2000	1000	1000
PS-201260-A	2000	1200	600
PS-201280-A	2000	1200	800
PS-221060-A	2200	1000	600
PS-221080-A	2200	1000	800
PS-221010-A	2200	1000	1000
PS-221210-A	2200	1200	1000

For more specifications, please contact us.



Three axis Connection:

The skeleton three-axis connector can be disassembled and assembled; used in PS series and parallel cabinet systems to make it more convenient and save transportation costs



Side Rack:

adjustable in width and depth, can be installed correctly according to customer needs



Stiffeners:

Improved safety: Additional supports can be added to the door panel, thereby enhancing the overall structural strength of the door panel and making it more durable and stable.



Optional accessories of Parallel cabinet: Parallel inner lock:

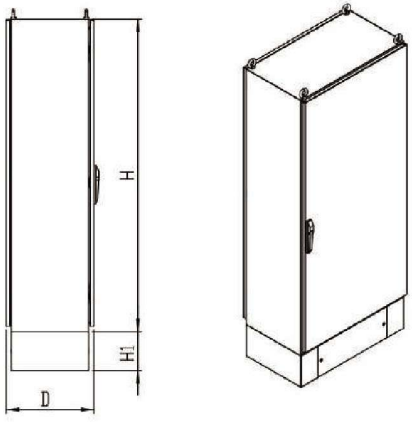
For PS series parallel cabinet system, lock multiple cabinet doors at the same time to improve security(Only applicable to multi-cabinet parallel system with doors opening in the same direction, not applicable to doors opening in opposite directions)





OUTDOOR IP55 ES CABINET ENCLOSURE

OUTDOOR ES IP55 CABINET ENCLOSURE



- Material: Cold rolling steel AISI 316L 304L Stainless steel
- Protection degree: IP55, Impact resistance IK10
- Color: RAL 7035, Paint finish epoxy polyester powder coating texture finished. Thickness of the sheet steel: Front door 2.0mm / Enclosure body 1.5mm bottom cable plate 1.5mm / Galvanized mounting plate: 2.5mm.

- Supply Include: ES Structure enclosure body, door completed with MS830 locking system and hinges, bottom with removable cable entry, 4 lifting eyebolts. Plinth to be offered separately (the next page). UL508A NEMA 4, TYPE 4, NEMA 1-3R

Selection table:

Model	Size(mm)		
	H	W	D
ES-166060-A	1600	600	600
ES-166080-A	1600	600	800
ES-168060-A	1600	800	600
ES-168080-A	1600	800	800
ES-161060-A	1600	1000	600
ES-161260-A	1600	1200	600
ES-161280-A	1600	1200	800
ES-186060-A	1800	600	600
ES-186080-A	1800	600	800
ES-188060-A	1800	800	600
ES-188080-A	1800	800	800
ES-181060-A	1800	1000	600
ES-181010-A	1800	1000	1000

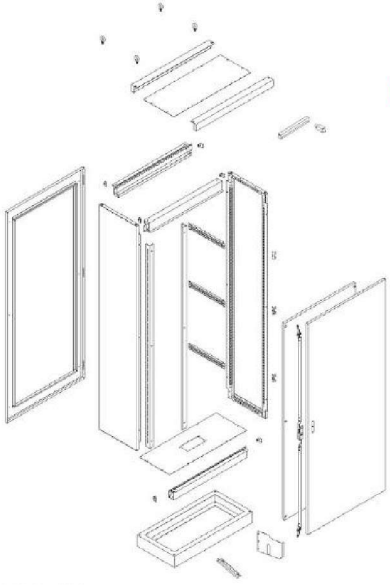
Model	Size(mm)		
	H	W	D
ES-181260-A	1800	1200	600
ES-181280-A	1800	1200	800
ES-181210-A	1800	1200	1000
ES-206060-A	2000	600	600
ES-206080-A	2000	600	800
ES-208060-A	2000	800	600
ES-208080-A	2000	800	800
ES-201060-A	2000	1000	600
ES-201080-A	2000	1000	800
ES-201010-A	2000	1000	1000
ES-201260-A	2000	1200	600
ES-201280-A	2000	1200	800
ES-201210-A	2000	1200	1000

For more specifications, please contact us.



ECONOMICAL TYPE EK ENCLOSURE

ECONOMICAL TYPE EK ENCLOSURE



YouTube

- The installation components of the equipment meet the global electrical standards for low-voltage switchgear (IEC61439-1-2).
- The UL, CE, and SAA certificates ensure enhanced safety and reliability.
- Flat-packed delivery to save 60% transportation costs.
- Standard structure with Din-rail racks and mounting plate to meet any electrical solution.
- Profile design save 20% material costs.
- Material: Cold rolling steel / AISI 316L 304L Stainless steel optional



Selection table:

Model	Size(mm)		
	H	W	D
EK-166040-A	1600	600	400
EK-167040-A	1600	700	400
EK-168040-A	1600	800	400
EK-176040-A	1700	600	400
EK-177040-A	1700	700	400
EK-178040-A	1700	800	400
EK-186040-A	1800	600	400
EK-188040-A	1800	800	400
EK-181040-A	1800	1000	400
EK-206040-A	2000	600	400
EK-208040-A	2000	800	400
EK-201040-A	2000	1000	400

For more specifications, please contact us.

Model	Size(mm)		
	H	W	D
EK-166060-A	1600	600	600
EK-167060-A	1600	700	600
EK-168060-A	1600	800	600
EK-176060-A	1700	600	600
EK-177060-A	1700	700	600
EK-178060-A	1700	800	600
EK-186060-A	1800	600	600
EK-188060-A	1800	800	600
EK-181060-A	1800	1000	600
EK-206060-A	2000	600	600
EK-208060-A	2000	800	600
EK-201060-A	2000	1000	600



Detachable design:

Spraying size can be customized Filter fan, climate control Engineering team technical and experience support



Optional inner cover:

Quick-installation protective cover, makes you more safe and worry-free



Standard digital mounting holes:

Side rails and mounting rails, flexible installation, smart & practical adjustment



The technological innovation of the 21 folds side power cabinet:

Sheet steel metal enclosure, used in the field of power distribution and automation, square-shape profile structure by bending process, flat packaging under detachable design, flexible for assembly; can save up to 60% transportation cost.





INTEGRATED BATTERY ENERGY STORAGE CABINET

BATTERY AND CHARGER CABINETS & ENCLOSURES



Energy: 100-150kWh
Power: 5kW, 100kW
Optional on-grid or off-grid mode
Supports integrating of solar

Economical and efficient

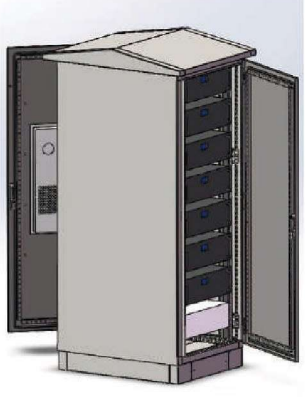
- Multi-scenario adaptation, support peak-valley arbitrage, auxiliary services, etc., reduce the cost of electricity, intelligent algorithms to improve system efficiency, stable cell temperature.

Safe and reliable

- Comprehensive monitoring, cloud-side collaboration, fast fault diagnosisand intelligent management, AI blessing, improved thermal managementcapability, fault isolation, coordination of components and systems.

Smart and convenient

- Grid-friendly, active support, fast response. Modular design, easy to install and maintain, good compatibility, can be expanded on demand, support multiple sets of parallel use







AIR CONDITIONING CABINET AC-22U



Product Description

Comply with ANSI/EIA RS-310-D, DIN41491, PART1IEC297-2DIN41491, PART7, GB/T3047.2-92, IP66 standard;

Compatible with 19-inch international standard, metric standard and ETSI standard.









- Made of high-quality cold-rolled steel plate, the structure is firm, and the load-bearing capacity can fully meet your needs;
- The plate has passed strict degreasing, pickling, anti-rust phosphating, and pure water cleaning, it is electrostatically sprayed;
- Good compatibility, good ventilation design, matched with 1.5kW refrigeration temperature control air conditioner. Ensuring the normal operation of outdoor cabinets under high temperature conditions, and can adapt to compatible with more IT equipment;
- We install the 100mm base, which is stable in placement, firm in structure, and excellent in waterproof performance;
- The maximum static load is 800KG, and it has the large loading space;
- The accessories are complete and the quality is reliable; The bottom wiring hole is equipped with a group cover. The front and rear doors and side doors are pasted with thermal insulation cotton to prevent temperature loss, save electricity and reduce costs.

CABINET RELEVANT SMART ACCESSORY OPTION

Filter



Purchase the fan together for filter fixing for customer choice.

Part No.	Cut out size mm	Air volume one blast	Level of protection	Applicable blower fan
F53-A	122*122	25 m³/min	IP44	F54-A
F54-B	175*175	50 m³/min	IP44	F54-B
F55-C	233*233	80 m³/min	IP44	F54-C
F55-D	283*283	120 m³/min	IP44	F54-D

Fan



ABS synthetic resin, fire resistant and UV-resistant.
dustproof efficiency: 80%.

Part No.	Fan model	Voltage
F54-A	12038	110-220V AC
F54-B	15050	110-220V AC
F54-C	20060	110-220V AC
F54-D	17050	110-220V AC

Travel Switch



Travel switch for LED Cabinet light
The switch can control the lighting or fans depend on different design. Fitting position can be variable.

Part No.	Model	Voltage	Current	Outer shell
F55-A	AZ-7141	380V	10A	ABS
F55-B	LXJM1-8111	115 / 125 / 250 V	5A	ABS + STEEL

LED Lamp



Features:
Wide voltage range, Integrated device
Longevity. Maintenance-free LED technology
ON/OFF light switch.

Part No.	Length	Voltage	Luminosity
F56-A	30cm	220V / 50Hz	6W
F56-B	60cm	220V / 50Hz	
F56-C	90cm	220V / 50Hz	
F56-D	100cm	220V / 50Hz	10W
F56-D	120cm	220V / 50Hz	

Metal Lock



(F05-C)



(F05-J)



(F05-K)



(F05-L)

All lock cores are made of strong galvanized steel with long service life. Optional lock style can meet your demand.

Part No.		Material	Protection
F05-C	MS830	Galvanized steel	IP43
F05-J	MS834	Metal latches/Stainless steel	IP43
F05-K	AB302-1	Metal latches	IP43
F05-L	MS867	Metal latches/Plastic	IP43

Steel plan pocket



(F12-A)



(F12-B)

Manufacture in 1.5mm sheet steel with fixing screw,
Color: RAL 7035, Thickness: 1.5mm steel
Supply include: Steel plan pocket with fixing accessories.

Product code	F12-A	F12-B
Size	Available for A4 Paper	Available for A3 Paper
Material	Sheet steel	

130° Door Hinge



(F06-A)



(F06-B)

Door hinges on the left to open the left door,
Door hinges on the right to open the right door .

Part No.	F06-A	F06-B
Material	Iron material	Steel iron, Zinc-plating//Stainless steel

Stopper



(F11-A)



(F11-B)



(F11-C)



(F11-D)

Holds the door at 90° to avoid accidental closing.
Manufactured in 2mm sheet steel zinc plated passivated can be used on Cabinets

Product code	F11-A	F11-B	F11-C	F11-D
	Left side used	Right side used	Left side used	Right side used
Application model	AE		ES/ PS / PC	
Material	Stainless steel		Galvanized steel	

Plinth for ES / PS Cabinet



Standard Plinth:

Height: 100 mm / Height: 200mm

Material: Manufactured in 2.0mm sheet steel

Paint Finish: Epoxy polyester powder coating textured finish

Color: RAL 6022 black

Supply include: Plinth with fixing accessories.

Part No.		Enclosure size	
Height –100	Height –200	Width	Depth
F13-605010	F13-605020	600	500
F13-805010	F13-805020	800	500
F13-1005010	F13-1205020	1000	500
F13-606010	F13-606020	600	600
F13-806010	F13-806020	800	600
F13-1006010	F13-1006020	1000	600
F13-1206010	F13-1206020	1200	600
F13-608010	F13-608020	600	800
F13-808010	F13-808020	800	800
F13-1008010	F13-1008020	1000	800
F13-1208010	F13-1208010	1200	800

Eye Bolt



Material: Zinc-coated metal iron fixing on the top of the cabinet for lifting the cabinet more easily

Packing: 4 pcs/set.

Product code	F59
Size	52mm*75mm
Material	Sheet steel, Surface treatment: Gavanized/Stainless steel

Temperature controller



A device used to control temperature, usually to regulate and maintain the temperature of a specific environment or equipment.

Part No.	Current	Electricity	size (mm)		
F66	300W	AC	H	W	D
operator schema Mechanical	500W	DC	71	71	33.5
	600W	AC			
	1000W	AC			
	2000W	AC			
	2500W/3000W	AC			

Flat brush



Flat brush brush used to seal the edge of the board along the dust removal brush

Part No.	Effect	size (mm)
F67	Cleaning brush	30

Cable clamp



A device for securing and protecting a cable, usually made of metal or plastic, with the function of clamping the cable and preventing it from loosening.

Part No.	operator schema	size (mm)	
F68	protective cable	H	D
		6	14
		12	18

Optional accessories of Parallel cabinet: Parallel connector



(F15-A) (F15-B)

Product code	F15-A	F15-B
Description	Parallel connector A	Parallel connector B
Material	Sheet steel, Surface treatment: Gavanized/stainless steel	
Application model	Position A for assembling cabinet	

Optional accessories of Parallel cabinet: Parallel inner lock



(F18)

YouTube

Product code	F18
Material	Sheet steel, Surface treatment: Gavanized/stainless steel
Description	Multi-door Inner lock
Material	Sheet steel, Surface treatment: Gavanized
Application model	For PS series parallel cabinet system, lock multiple cabinet doors at the same time to improve security (Only applicable to multi-cabinet parallel system with doors opening in the same direction, not applicable to doors opening in opposite directions)

Connector



It adopts a bent square tube profile structure, with a detachable design and flexible assembly, which can save transportation costs.

Adapter	Description
EK Cabinet	Fixed sealing plate frame

Side Rail



A transverse beam used to support a structure, usually between two main beams,
Adjustable width and depth for correct installation according to customer needs.
Length/color can be customized

CUSTOMIZATION MODEL OF CABINET



9 Fold Disassemble Frame for Distributor Client



Custom Parallel PS Cabinet for Electronic Production



Custom Parallel PS Cabinet for Automotive Control



Cabinet for Automotive Powder Coating Production Line



ES Cabinet with Visual Window for Meter System



Standard Parallel PS Cabinet for Waste Water Process



PROJECT CASE

COMPREHENSIVE ELECTRICAL SOLUTIONS FOR DIVERSE APPLICATIONS

- Robotic control of automotive production line
- PLC control system and energy distribution system for entire car production workshop
- Control panel for large-scale auto powder coating process
- Outdoor LED power distribution system for commercial building
- Battery storage cabinet for solar energy system
- Wireless charging control along the Highway
- PLC lighting system control center











FLEXIBLE RACK OPTIONS FOR YOUR
REQUIREMENT OF SMALL OR LARGE
IT DATE CENTER



SERVER RACK CABINET



Cooling Temperature
Control System



High Strength Mounting Rail
Ventilated Perforated Front Door



Walk Line Hole



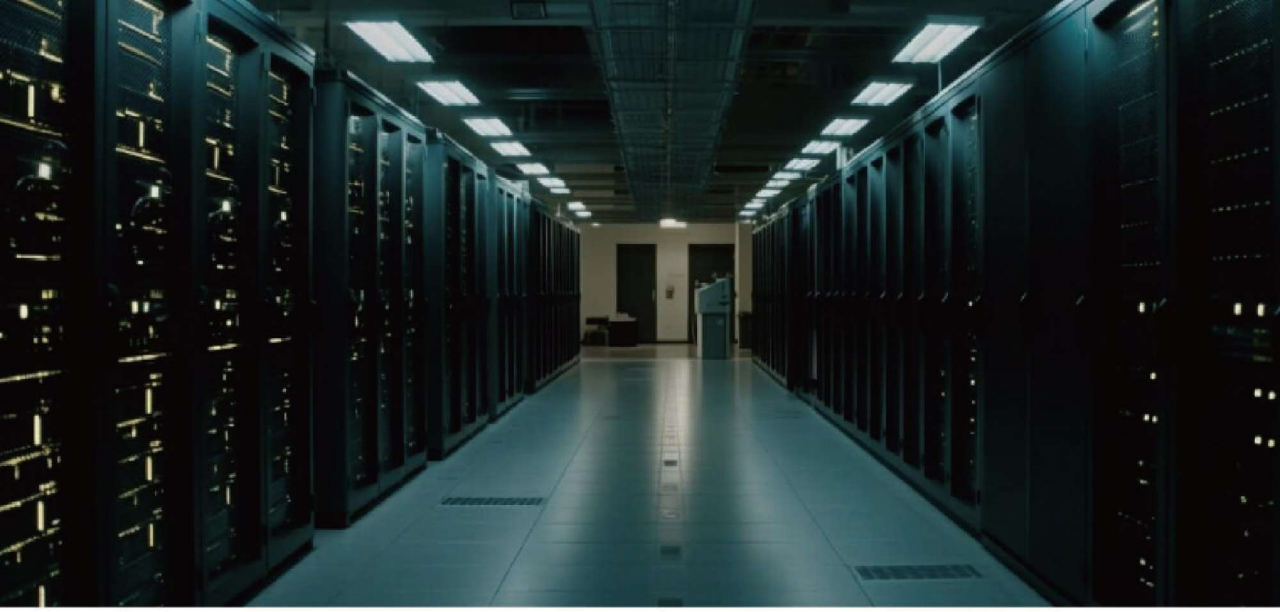
Security PDU



Push-Pull Tray



Ground Wire



SERVER RACK CABINET

CSE NETWORK CABINETS / WALL MOUNTED CABINETS

Standard:
Comply with ANS/EIA RS-310-D, IEC297-2,
DIN41491, PART1, DIN41491, PART7, ETSI

Features:

- Works with all standard 19" rack equipment and accessories
- High quality cold-rolled steel
- Pre-install cooling fans
- Bulk shipping available, can save shipping cost
- Cable management bars available

- Floor standing type with recessed casters, easy to move
- High-density vented front and rear door with hexagonal holes
- All doors (front and rear) pivot 180°





EVERY INDUSTRIAL ENVIRONMENT FACES A UNIQUE PROBLEM INDUSTRY,

THIS IS A SERIES OF CHALLENGING ENVIRONMENTAL SOLUTIONS

Eabel offers service on Industrial and IT infrastructure products including:

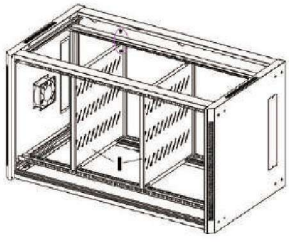
- Complete enclosure systems and accessories
- Climate control
- Data center solutions
- Wire Terminal (WT)

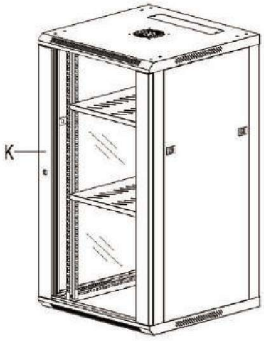
Installation and commissioning:

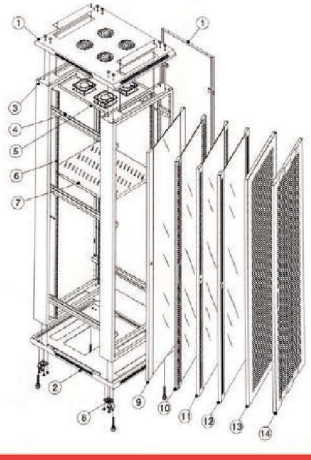
- Installation / assembly and commissioning of individual devices or complete systems

Maintenance:

- Preventive maintenance to safeguard the value of your equipment







Model	Size(mm)			
	Height(MM)	Width(MM)	Deep(MM)	Capacity
228096	2200	800	960	47U
208096	2000	800	960	42U
188096	1800	800	960	37U
186060	1800	600	600	37U
168096	1600	800	960	32U
166060	1600	600	600	32U
148096	1400	800	960	27U
146060	1400	600	600	27U
128080	1200	800	800	22U
126060	1200	600	600	22U
108080	1000	800	800	18U
806060	800	600	600	14U
604518	600	450		18U Wall Mounted
604515	600	450		15U Wall Mounted
604512	600	450		12U Wall Mounted
604509	600	450		9U Wall Mounted
604506	600	450		6U Wall Mounted

For more specifications, please contact us.

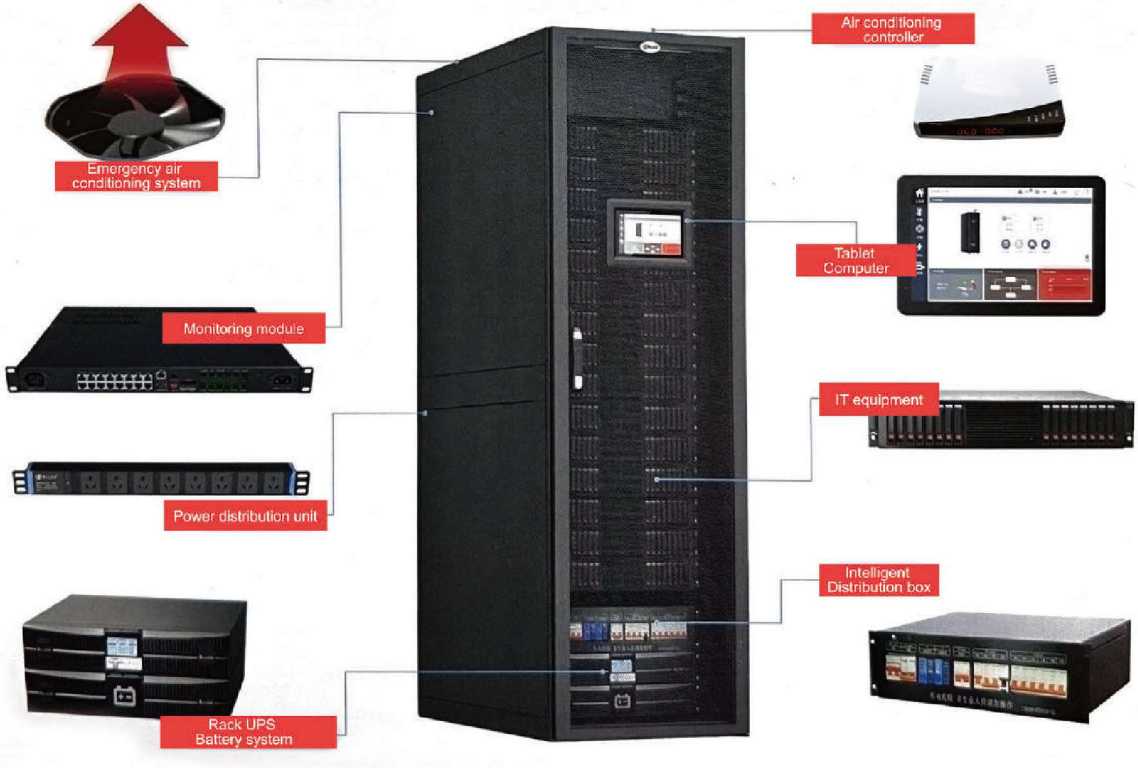
MODULAR DESIGN

- MODULAR DATA CENTER THAT INTEGRATES CABINETS
- POWER SUPPLY AND DISTRIBUTION
- REFRIGERATION SYSTEM
- WIRING SUPPORT
- INTELLIGENT MANAGEMENT



MODULAR DATA CENTER

MODULAR DESIGN CAN MEET THE NEEDS OF ONLINE EXPANSION OF SMALL DATA CENTERS



Fan: CYSD2F



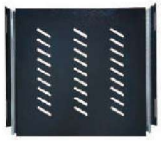
Parameters: Operating temperature range of 0~50°
Input: 220 v AC
Material: cold rolled steel plate, thickness 1.2
Surface treatment: degreasing, phosphating, spraying
The wind flow: 50 ~ 100 CBM/H
Color: Black

19" Rackmount Chassis



P/N:CYRK4U450A
Size:427mm*450mm*177mm
Other standard length: 500mm 530mm 580mm 610mm
Color:Gray, Black
Model:1U&2U&4U

Movable key tray



Sliding shelf products Description
Standard: Different specifications could be applied to cabinet 600mm/800mm/960mm/1000mm
Note: Different specifications apply to different types of cabinets

PDU: CYCB-PW8605C



TecDay Power Distribution Unit
Specially Designed for Cabinet
Standard:6way & 8way &10way &12way
PDU special power supply
(gold steel case, with overload protection)

Combination of power connector



Single-pole connectors, multi-pole connectors, power connectors and other products provide customers with one-stop overall wiring harness terminal solutions. The products have passed UL/CUL, CE, ROSH, REACH and other certifications.



PROJECT CASE

COMPREHENSIVE ELECTRICAL SOLUTIONS FOR DIVERSE APPLICATIONS












NEW ENERGY OUTDOOR HOUSING SOLUTION
FOR COMMERCIAL EV CHARGING SPOT

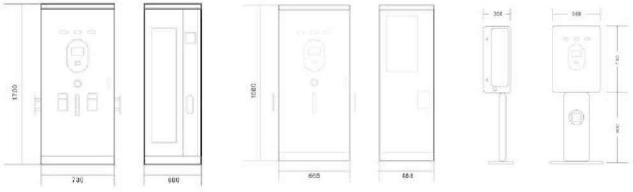


ONE-STOP SOLUTION TO MEET VARIOUS APPLICATION NEEDS



CHARGING MACHINE PRODUCT FEATURES

The charging system adopts intelligent and flexible power distribution for charging and constant power charging mode.
It is applicable to various scenarios including bus terminals, logistics park charging stations, highway service area charging stations, etc.





- Safety protection for EV charging
  Avoid Overload, over current, over heat, leakage

- Charging Smarter
  Charging automatically starts and stops

- More compatible with charging
  Support 200-750V voltage range charging
  Supports 12V/24V on-board power switching

- Easier Maintenance
  Automatic identification of equipment faults Pulling the air filter facilitates cleaning



STANDALONE EV CHARGING

CHARGING PILE PROTECTION BOX

YouTube



Household charging pile Protection box Future trends Sealing ring can be used, Indoor/Outdoor; Protection Grade: NEMA 3R

- Thermal design Ventilation cooling
- Quality hinges Sturdy wear-resistant and rust free
- Thermometer

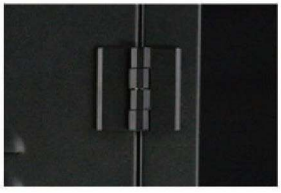
Environment of the box in case of any damage to the cord and charger.

- Optional Locks

Mechanical
Fingerprint,
Electronic code lock





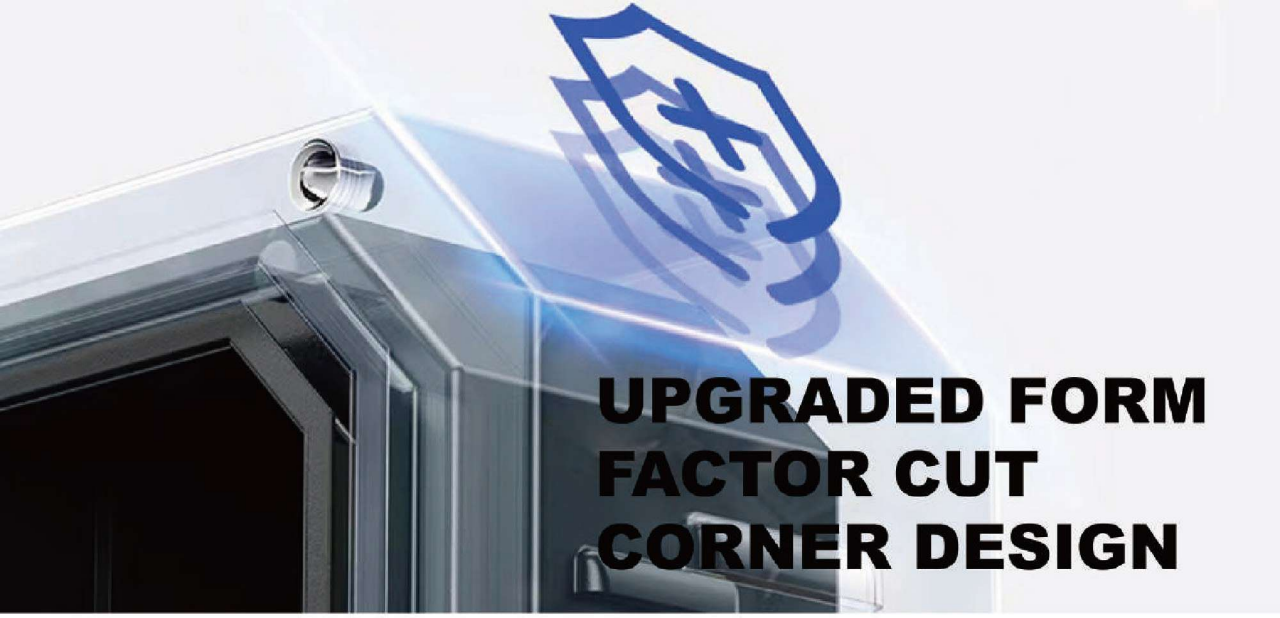


- Wire Hole

The outlet is coated with adhesive to prevent wire damage.
Mechanical /Fingerprint /Electronic Combination Lock







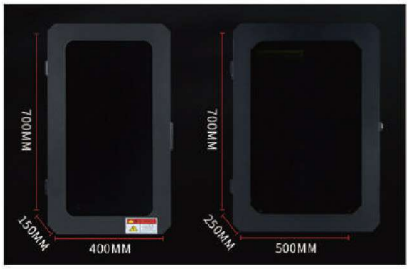
UPGRADED FORM FACTOR CUT CORNER DESIGN



SUPPORT CUSTOMIZATION

Please contact our engineering team for customization service







PROFESSIONAL IN ELECTRICAL ENERGY FIELD

GLOBAL OPPORTUNITY ANALYSIS AND INDUSTRY FORECAST

















PROJECT CASE

COMPREHENSIVE ELECTRICAL SOLUTIONS FOR DIVERSE APPLICATIONS

PROVIDE CHARGING SERVICES FOR ELECTRIC VEHICLES.

- Efficient and energy-saving: Able to effectively utilize electrical energy and improve energy utilization.
- Environmental protection and emission reduction: Use clean energy for charging, reduce tail gas emissions and reduce environmental pollution.
- Convenient charging: Provide convenient charging facilities to facilitate users to charge at any time.
- Intelligent management: It has intelligent management functions to realize charging scheduling and energy monitoring.

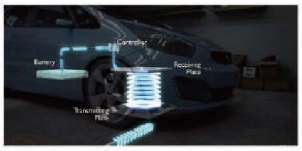






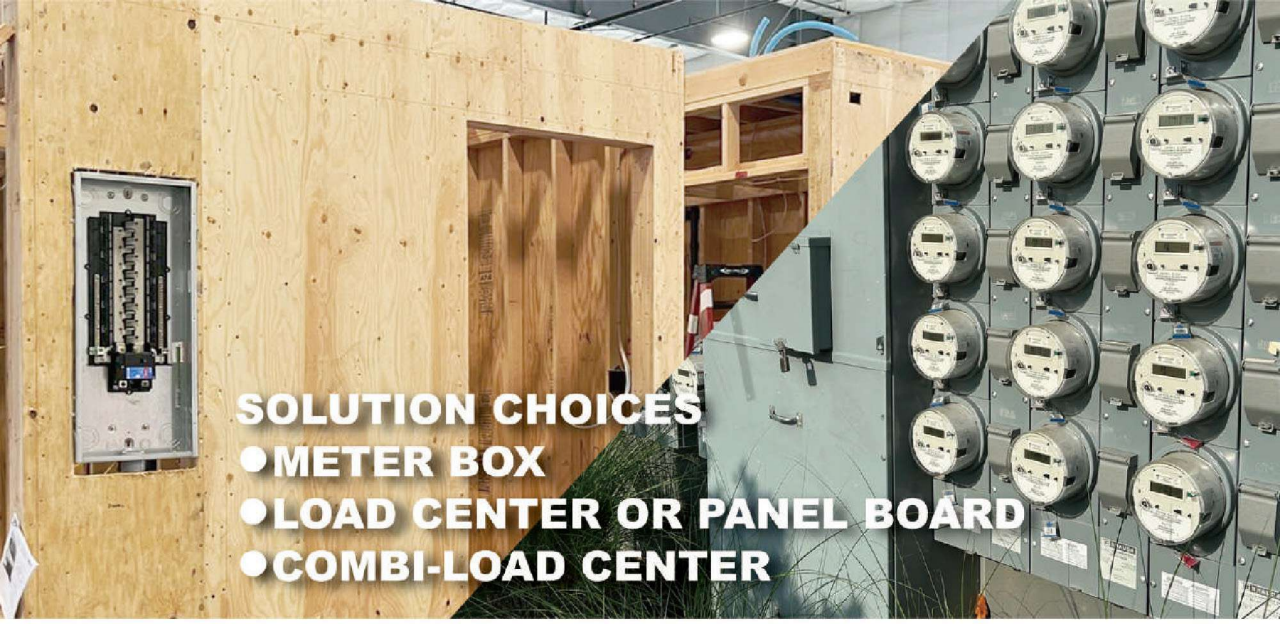












LOAD CENTERS
DISTRIBUTION BOARD

C UL US
LISTED





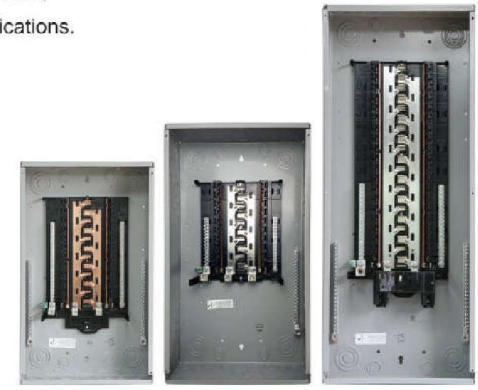
LOAD CENTERS
DISTRIBUTION BOARD

Applications:

Load centers are designed to safely and reliably distribute and control electrical power as service entrance equipment in residential, commercial, and industrial locations. They feature a plug-in design for indoor applications.

Features:

Electro-galvanized steel sheet with a thickness of 0.9-1.5 mm.
Polyester powder surface treatment.
Each of the shell has knock-out on all four sides.
Suitable for circuit breakers of different brands.
1-phase, 3-wire, 120/240 V AC, rated current up to 200A.
Optional Main Lugs or Main Breaker type
Applicable switches: Square D HOM series, Siemens QP series.



Description:

Rated Current		Voltage	Mounting Type	Service Feed	Size(mm)			Spaces
					H	W	D	
200A (Al Busbar)	250A (Cu Busbar)	120/240V 1Ph 3W	Surface Flush Semi-flush	OH/UG	550	400	162	8
					600	400	162	12
					650	400	162	16
					700	400	162	20
					750	400	162	24
					800	400	162	28
					850	400	162	32
					900	400	162	36
					950	400	162	40



COMBO/ METER LOAD CENTER COMBINATION

Application:

100A-400A Meter mains

150A-200A Over-under Construction

100A-400A Meter load centers

Features:

Connector line and load size AWG6...300kcmil Al/Cu

Heavy duty tinned copper jaw with reinforced clip.

NEMA 3R type structure, 1.2mm thickness (18 gauge) or 1.5mm thickness (16 gauge) Galvanized steel plate, electrostatically sprayed epoxy baked gray powder coating.

Adequate wiring space for easy wiring.

Convenient knockouts in the side back and bottom.

Lay-in type terminal with pressure plates for easy connections.

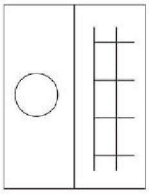
The fixed hub size 1/2" or 2-1/2" for option.



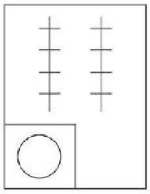
Description:

Rated Current	Front Type	JAW	Specification(mm)			Phase
			H	W	D	
125A	Ringless	4	396	203	108	1
		5	396	203	108	
200A		7	396	280	108	3

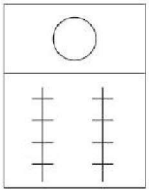
Welcome to the Combination Meter Socket Section. This section indudes 4 product categories, which each include their own setof featured products. Look for the icons below to help explain the application and design of products on that page.l



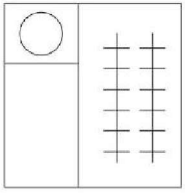
Side-By-Side Construction
These Murray Meter Load Center Combinations have a side-by side configuration.



Off-set Meter Constuction
Combinations feature an offset meter to increase room for pulling conductors.



Over-Under Construction
These Murray Meter Load Center Combinations feature a classic over-under construction.



Side-By-Side 400A Construction
These Murray Meter Mains have side-by-sideconstruction that meets EUSERC design, andprovide 400A service. Available with 16 to 42 circuits.



- Meter socket base 200A

Load Centers & Modular Enclosures
Quality is the kemel concept of enterprise, our company put such concept into each procedure in enterprise administration, execute it as promised.



- Plug-in circuit bracker base.

Certification: UL67



- Meter Socket:

100A, 120/240V AC, Single phase, 2 or 3 wires,
Line and load lugs: AWG 1/0 Max. Al/Cu
Conforms to ANSI 12.7
Mounting: Surface, pole outdoor.
Locking: Sealing ring has lock provision.
Certification: UL414



- Circuit Breakers:

For protection against overload and short circuits in the electrical distribution system.
Use in domestic, commercial and light industrial installations.
Conform to IEC 60898, UL 489.
Protection Level : IP20



- Earth rod

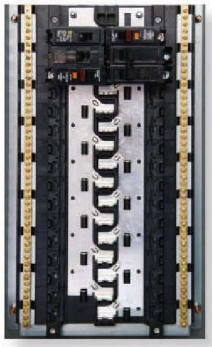
The electrician installed a ground rod to ensure the safety of the electrical system.

Feature:

The new frame sizes are available as 1 pole and 2 pole in a range of interrupting voltage ratings from 240-690 Vac and 250-500 Vdc.

- High breaking capacity up to 100 kA @ 480 Vac
- Available with fixed or adjustable trip settings to accommodate a broad range of applications
- Patented arc extinguishing technology for added safety and durability
- Patented bearing spindle mechanism reduces operating force needed for operation
- Compact modular design saves space
- 5 Year limited warranty
- Certifications: UL 489 Listed, File No. E355392

SINGLE PHASE GENERAL SOLUTION - 1PH 3W



Breaker Socket
(Plug-in Type Match)



MCCB Main Breaker
(UL 489 Listed, 2/3 pole, general type)

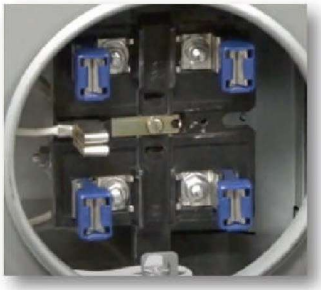


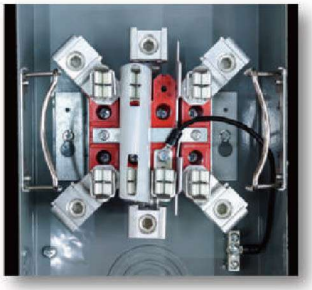
1/2 pole Plug-in Sub-breaker
(UL 489 Listed, CQC, Noark)

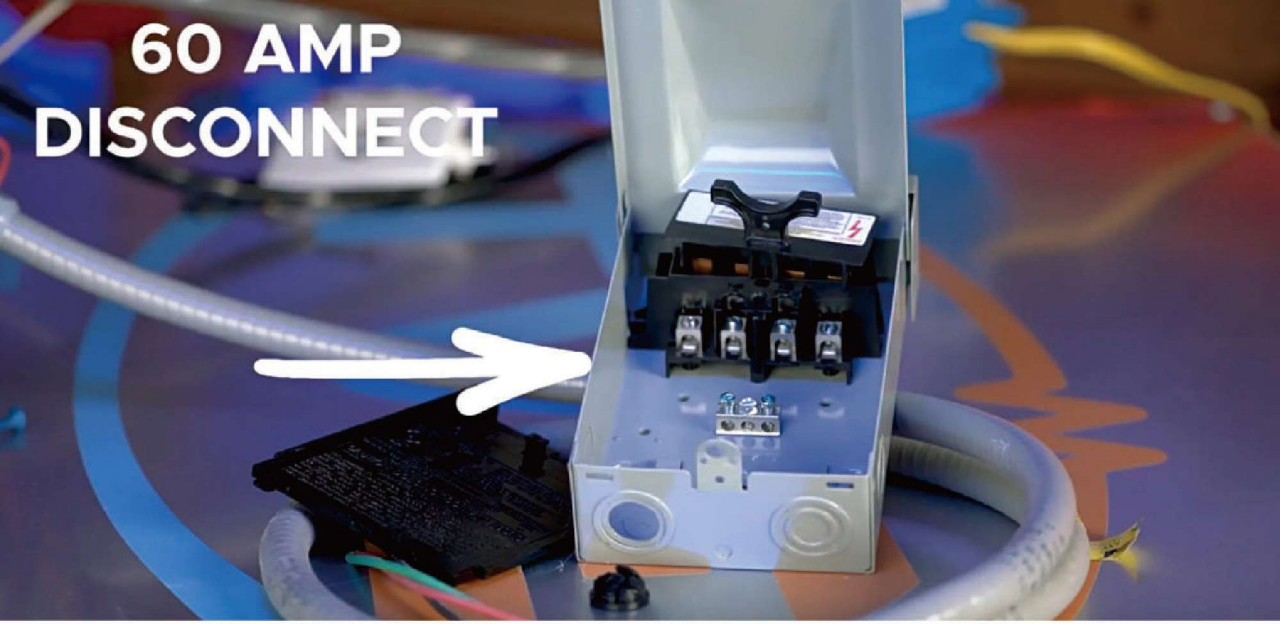
NUMBER OF CONNECTION PINS

4/5 Jaws for single-phase; Three-wire systems; 5/7 Jaws for three-phase four-wire systems









PULL-OUT DISCONNECT

Current Rating 30 Amps/60 Amps
Operating Voltage 240 Volts






About this item
120/240V, single phase, 2 wire, non-fusible safety switch
T30 Amp Fusible Pullout

- ON/OFF control provided by a pullout handle
- Pullout handle can be conveniently stored in the compart-ment in the OFF position, helping to prevent the handle from being misplaced
- Protective shield cannot be removed until the pullout handle is removed, disconnecting the power
- Can be used as a service entrance disconnect
- 1-Phase 2-Wire design with ground lug

SELECTION OF A/C DISCONNECT

The purpose of A/C disconnect is offer a visiable sulution to prevent un-authorized person from hurting by A/C (Air Conditioning) system circuit when house ownerleft their house for a certain period, they will lock the A/C disconnect when leaving. And they are installed out-door with NEMA 3R rain-proof.

Model	Rated Current(A)	Rated Voltage(V)	Phase	Number of Fuses	No. of Wires	Certification Approval	Item code
SDB-60F	60	240	1P	2	2Wires	cULus	196016
SDB-30F	60	240	1P	2	2Wires	cULus	196016
SDB-60NF	60	240	1P	None	2Wires	cULus	196016
TDB-60NF	60	240	1P	None	2Wires	cULus	196016

PROJECT CASE

COMPREHENSIVE ELECTRICAL SOLUTIONS FOR DIVERSE APPLICATIONS















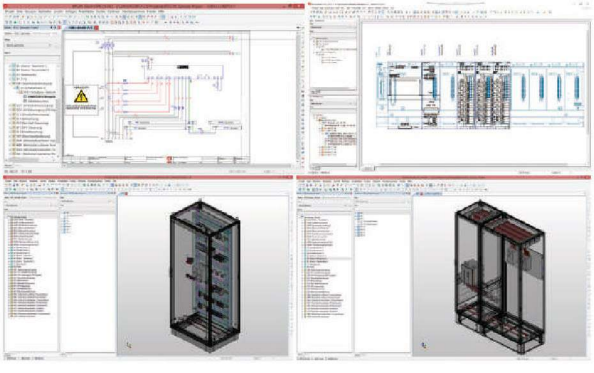


ENGINEERING FROM DESIGN TO ASSEMBLY YOU GET THE FINAL PRODUCTION



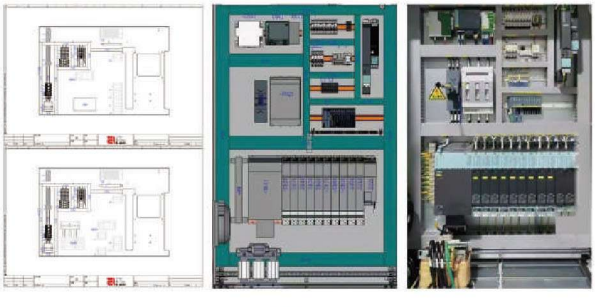
IMPETUS FOR YOUR ENGINEERING

E-abel joins hands with excellent Chinese partner PAYA. With EPLAN cloud solution platform, it can optimize cross-system, cross-disciplinary and cross-regional engineering project collaboration



COMPLETE SOLUTION FROM SLD TO ASSEMBLY

This is a case of providing a complete solution for our customers: with the help of Eplan software, from SLD design to full platform digitalization of assembly process, providing a one-stop solution from electrical control cabinet design to manufacturing. E-abel's professional team of engineers can provide technical support services in the field of electrical engineering.



ENGINEERING

- Electrical panel System
- Innovative modular system
- Tested quality
- Optimum cost efficiency
- Available for immediate



ASSEMBLY WORKSHOP

Smart R&D Assistive Tools for Higher Efficiency in Assembly Workshop



Wire Trunking & Din Rail Cutting Device

- Vernier caliper design for getting precise length of wire duct
- Sharp cutting knife for getting smooth section
- Automatic rebound design for operator's safety
- Flexible and easy-to-operate, increase workers' efficiency



OEM vertical CNC Punching Machinery

- Vertical design for convenient putting on & off the plate
- Adjust diameter set of the punching hole with imported excel file
- We supply you specific OEM service basing on your real application



Auto Wire Harness Threading

- Automatic threading machine of wiring harness with PLC control
- Numbering, wire cutting, wire threading, wire stripping and wire crimping of each one will be finished in 7s
- High output, high precision, more convenient and more efficient space-saving.



- Mini size or large formal size meeting demands of different scales of workshop



Control Panel Assembly

- Components with clear model number label meeting Eplan's diagram
- Easy wiring & assembling with tags-correspond-to-tags
- High efficiency and less error with modular process

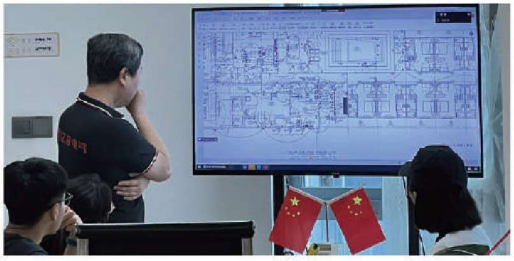


Swivel Casters for Cabinet Moving

- Flexible universal wheels support 360-degree free rotation
- Firmly fix the movable wooden support
- Caster's brake device prevents accidental sliding
- Large load capacity with combined using for moving parallel cabinets

DIGITAL ELECTRICAL

EFFICIENT DESIGN AND MANUFACTURING













Solutions

- Advanced manufacturing technology and efficient assembly process
- Ensure product quality and reliability and fast delivery.

Service

- Eplan design services
- Efficient manufacturing and assembly
- On-site installation and commissioning



POWER DISTRIBUTION

INDUSTRIAL USE OR FOR PUBLIC ORGINIZATION



MCB Distribution Box

- Single phase or three phase 230V/240V/400V/415V
- 1p/2p/3p sub breaker for choice, vertical structure
- 8-42 ways solution or more, meeting your project demand



Comprehensive Solutions for Metering Center

- Power monitoring of high power equipment and production line.
- Single-phase or three-phase, high-precision energy meter, with monitoring system to achieve remote management



APFC Panel

- Used for sustainment of Power Factor as per State Electricity Board
- The capacitor banks are selected in number of stages as 4/6/8/12/16
- Readily serves the purpose in the achievement of PF to 0.99 Lag
- For those industries where electrical installations are meant to cater to large electrical load
- Application: auto production process line, pump system, sewage treatment



LV Main Distribution Panel

- Visual meter monitor of MDP system, drawer design for SDP system
- Parallel structure of entire MDP system, specification customized meeting your project requirement
- LV MDP system receives power from 20 KV – 380 Volt transformer and distribute to the LV SDP system



INDUSTRIAL PROCESS CONTROL SYSTEM

CUSTOM ENCLOSURE OR ENTIRE SOLUTION

HMI SYSTEM:



- Aluminum alloy or entire stainless steel material for choice
- Size choice for matching different branded HMI equipment
- For auto industrial process machine, ss type for GMP pharmaceutical or food process control system



- Control console or PC cabinet for control center system
- Power coating process or stainless steel material custom
- Widely used in metro control system, auto production line heavy machinery control, edge computer server of data center



- Custom design meeting application
- Well matching equipment screen
- Ergonomic and safe, no leakage
- Engineer team double check toensure normal function



- Industrial collaborative welding Robotic integrate collision detection into welding applications
- Enhancing the safety of the Robotic
- High speed and precision Improve welding efficiency and achieve accurate welding.





THE FLEXIBILITY OF THE CANTILEVER BOX MAKES A LARGER OPERATING RANGE OF THE MACHINE SATISFIED TO OPERATE THE MACHINE IN DIFFERENT POSITIONS

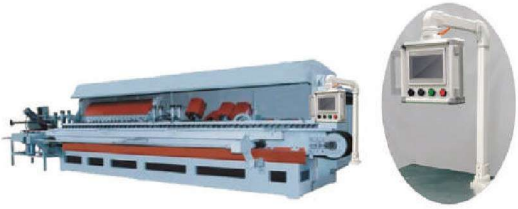
Application Areas:



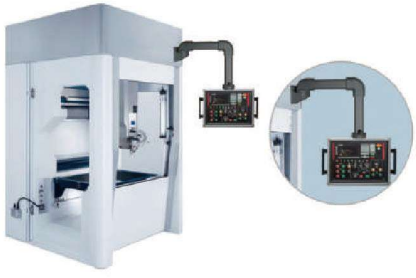
Packaging Machine



Sealing Machine



Ceramic Machine



laser Machine

40 Series Support Arm System

Flexible equipment positioning:

The cantilever system can flexibly adjust the position as needed for operation.

Space saving:

The working space can be effectively utilised by hanging the equipment and the ground occupation can be reduced.

Improve work efficiency:

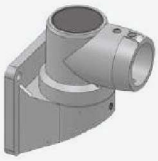
Moveable and adjustable functions make the operation more efficient and reduce the work intensity and time.

Safety:

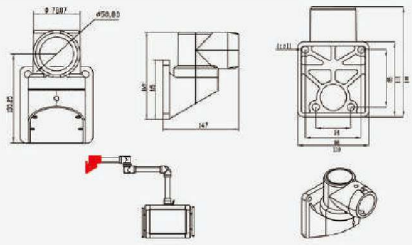
Provide stable and safe support to ensure the stability and safety of the equipment during work.

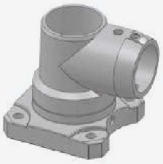


40 Series

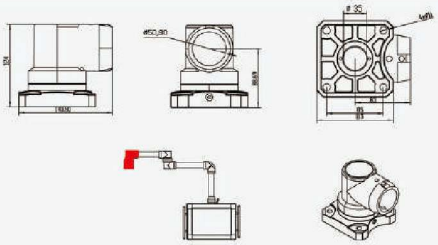


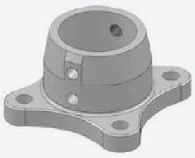
A40 101
Product name:
Wall Base Connector
Material: Aluminum
Rotation angle: 180°



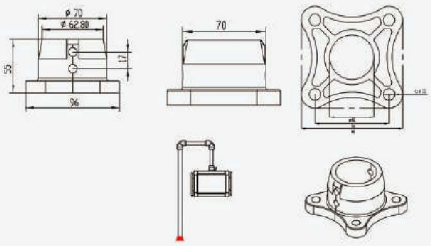


B40 101
Product name:
Top Base Connector
Material: Aluminum
Rotation angle: 300°



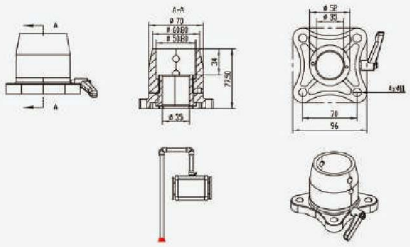


C40 101
Product name:
Fixed Base Connector
Material: Aluminum
Rotation Angle: Fixed



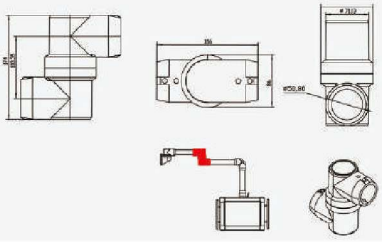


D40 101
Product name:
Rotating Base Connector
Material: Aluminum
Rotation angle: 300°





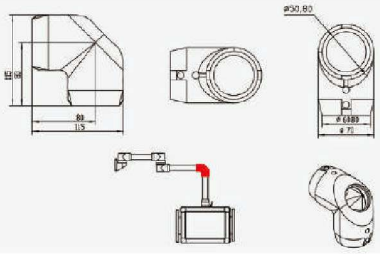
A40 102
Product name:
Intermediate Pipe Connector
Material: Aluminum
Rotation angle: 300°



40 Series

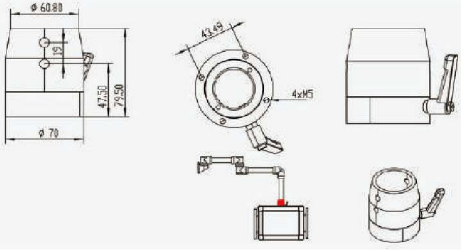


A40 103
Product name:
90° Pipe Connector
Material: Aluminum



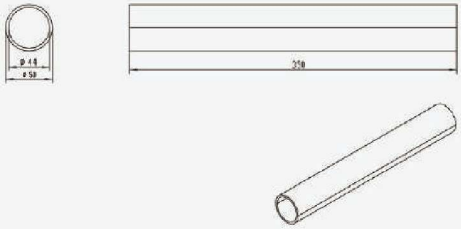


A40 104
Product name:
Box Connector
Material: Aluminum
Rotation angle: 300°



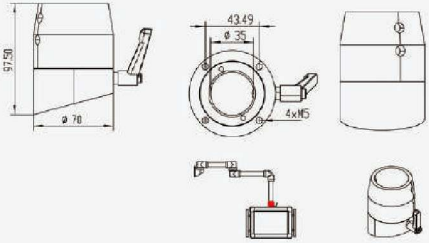


A40 105
Product name:
Connection Pipe
Material: Aluminum
Outer diameter： 50



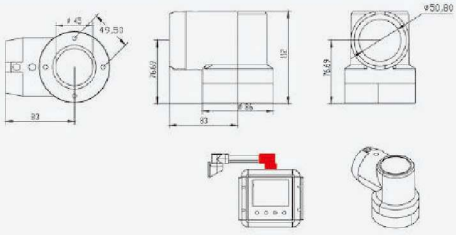


A40 114
Product name:
15° Box Connector
Material: Aluminum
Rotation angle: 300°





A40 124
Product name:
90° Box Connector
Material: Aluminum
Rotation angle: 300°



60 Series Support Arm System



High load capacity:
Dsigned to carry heavy weights, ensuring safe support and stable operation of heavy equipment.

Precise positioning:
Able to accurately adjust the position of equipment under heavy load conditions to satisfy high precision requirements.

Optimize workspace: Optimize space utilization in the work area by hanging and supporting heavy equipment.

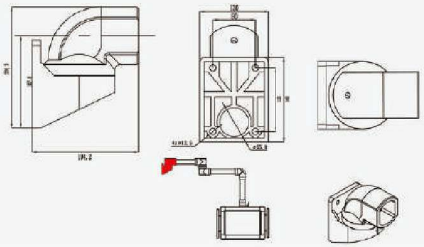
Enhanced safety: Provides stable support to avoid caused by falling or meving equipment.

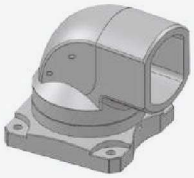
Heavy-duty machining: Used to support and move heavy machine tools drilling machines, milling machines, etc.

60 Series

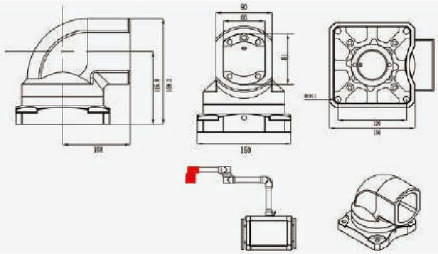


A60 101
Product name:
Wall Base Connector
Material: Aluminum
Rotation angle: 180°



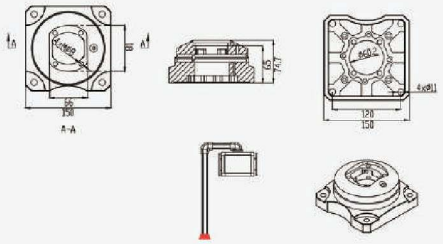


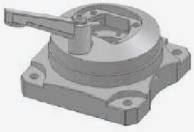
B60 101
Product name:
Wall Base Connector
Material: Aluminum
Rotation angle: 300°



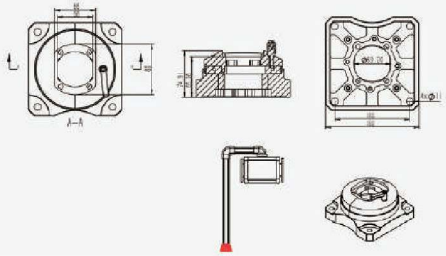


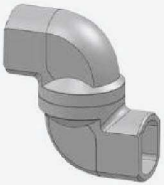
C60 101
Product name:
Wall Base Connector
Material: Aluminum
Rotation Angle: Fixed



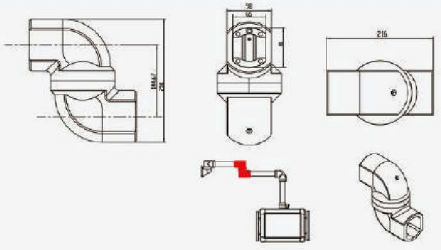


D60 101
Product name:
Rotating Base Connector
Material: Aluminum
Rotation angle: 300°





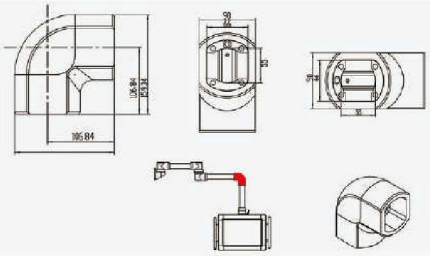
A60 102
Product name:
Intermediate Pipe Connector
Material: Aluminum
Rotation angle: 300°

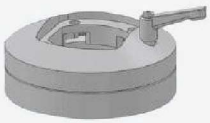


60 Series

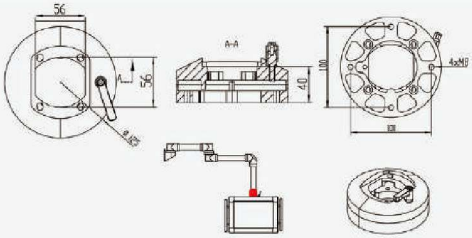


A60 103
Product name:
Intermediate Pipe Connector
Material: Aluminum



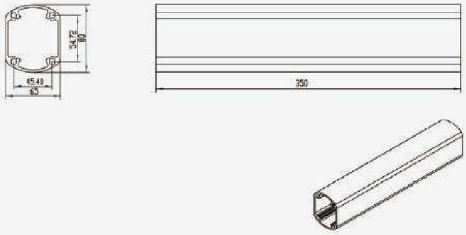


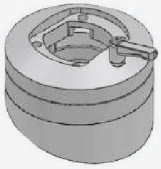
A60 104
Product name:
Box Connector
Material: Aluminum
Rotation angle: 300°



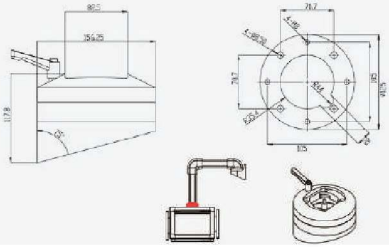


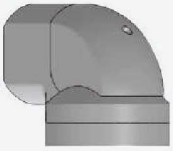
A60 105
Product name:
Connection Pipe
Material: Aluminum
Outer diameter: 65



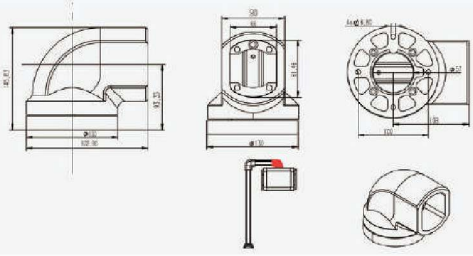


A60 114
Product name:
15° Box Connector
Material: Aluminum
Rotation angle: 300°





A60 124
Product name:
90° Box Connecto
Material: Aluminum
Rotation angle: 300°



Stainless 40 Series Hand Arm System

Improve hygiene standards:
Stainless steel able to satisfy the hygiene requirements of the food industry, and a smooth surface for easy clean, prevents bacterial growth.

Anti-corrosion:
Stainless steel has excellent anti-corrosion properties and is suitable for use in humid or corrosive environments, extending the service life of the equipment.

Enhance safety:
Prevent food safety hazards caused by equipment corrosion or contamination during the production process.

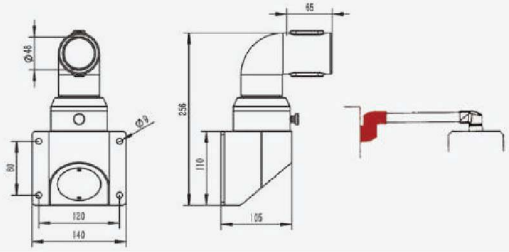
Application: Food production and processing industry, etc.



Stainless 40 Series

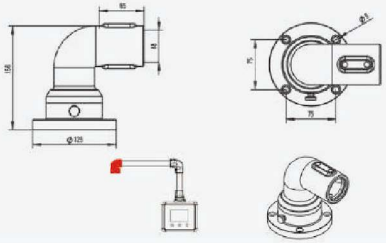


SUS A40 101
Product name:
Wall Base Connector
Material: Stainless steel
Rotation angle: 320°



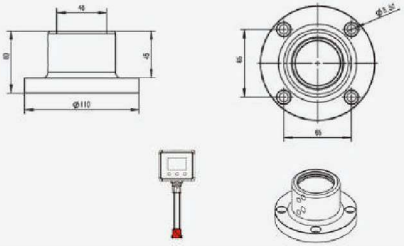


SUS B40 101
Product name:
Top Base Connector
Material: Stainless steel
Rotation angle: 320°



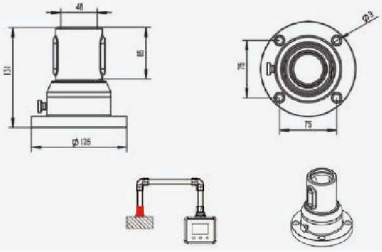


SUS C40 101
Product name:
Fixed Base Connector
Material: Stainless steel
Rotation Angle: Fixed



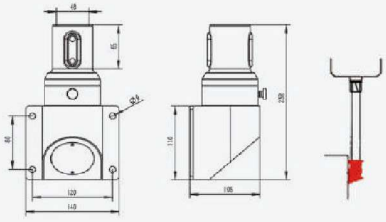


SUS D40 101
Product name:
Rotating Base Connector
Material: Stainless steel
Rotation angle: 320°





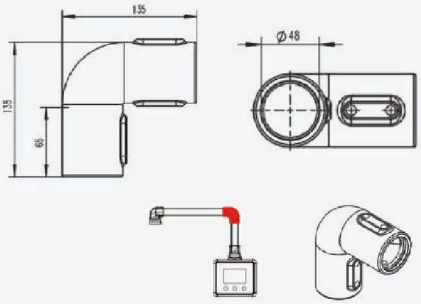
SUS A40 101-1
Product name:
90° Wall Base Connector
Material: Stainless steel
Rotation angle: 320°



Stainless 40 Series

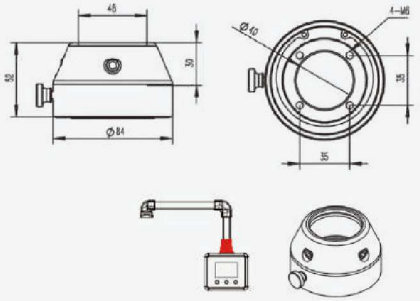


SUS A40 103
Product name:
90° Pipe Connector
Material: Stainless steel



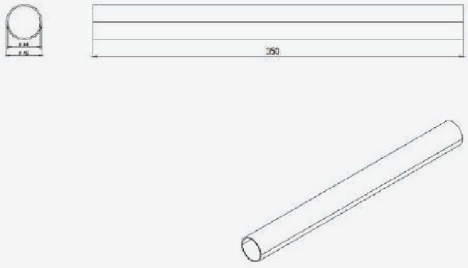


SUS A40 104
Product name:
Box Connector
Material: Stainless steel
Rotation angle: 320°



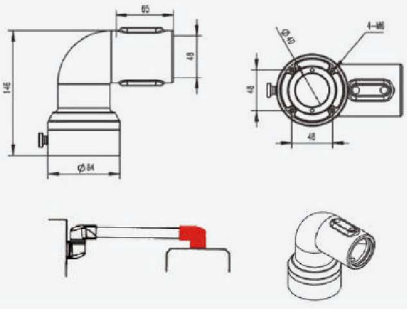


SUS A40 105
Product name:
Connection Pipe
Material: Stainless steel

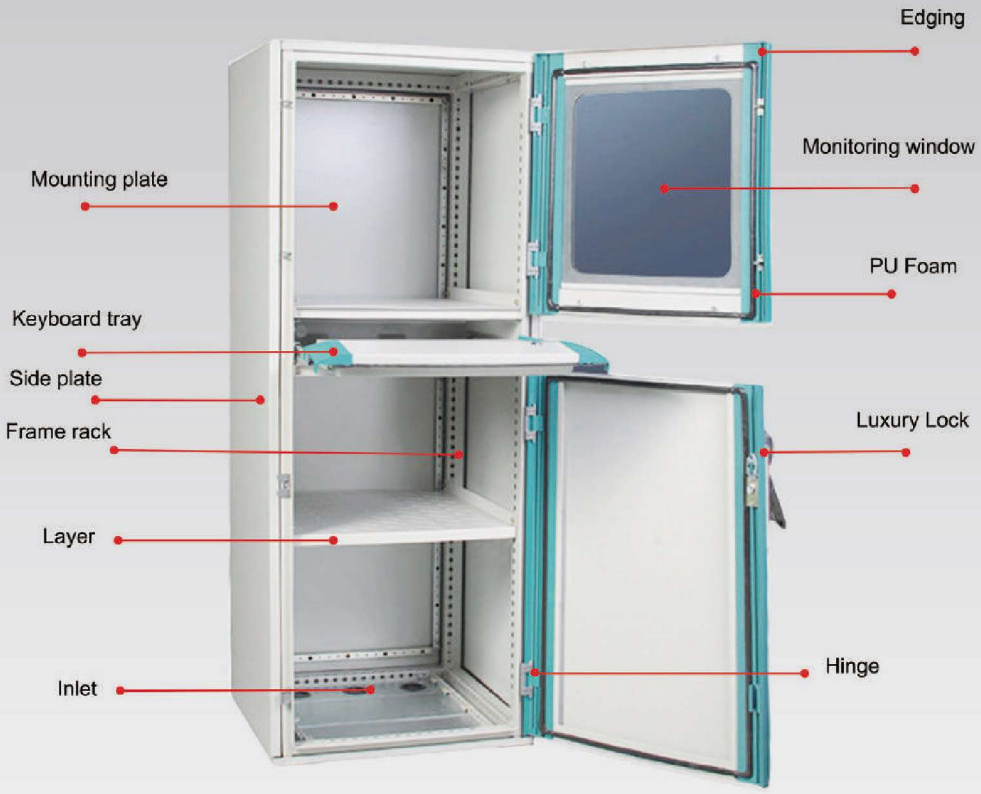




SUS A40 124
Product name:
90° Box Connector
Material: Stainless steel
Rotation angle: 320°



Customized Cabinet PC



Side Rack

- Handles, decorative
- Trim panels: Plastic

Protection Category

- IP43 to IEC 60 529
  complies with NEMA 12

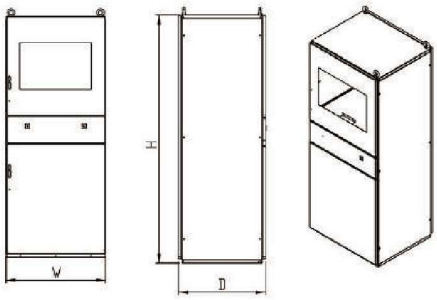
Surface Treatment

- Enclosure, door
  supports: Sheet steel

PC ENCLOSURES



Material: Cold rolling steel
Protection degree: Impact resistance IK10
Color: RAL 7035, Paint finish epoxy polyester powder coating texture finished
Thickness of the sheet steel: Front door / Enclosure body 1.5mm. bottom cable plate 2.0mm / Galvanized mounting plate: 2.0mm.
Supply Include:
Front door with Reinforcing frame,hinges and MS821 lock system, 9 folded profiles frame, Rear panel, Mounting plate, 4 lifting eyebolts, 1 keyboard tray, 1 monitoring window, two removable layers, 2 removable side panels,
Plinth to be offered separately.





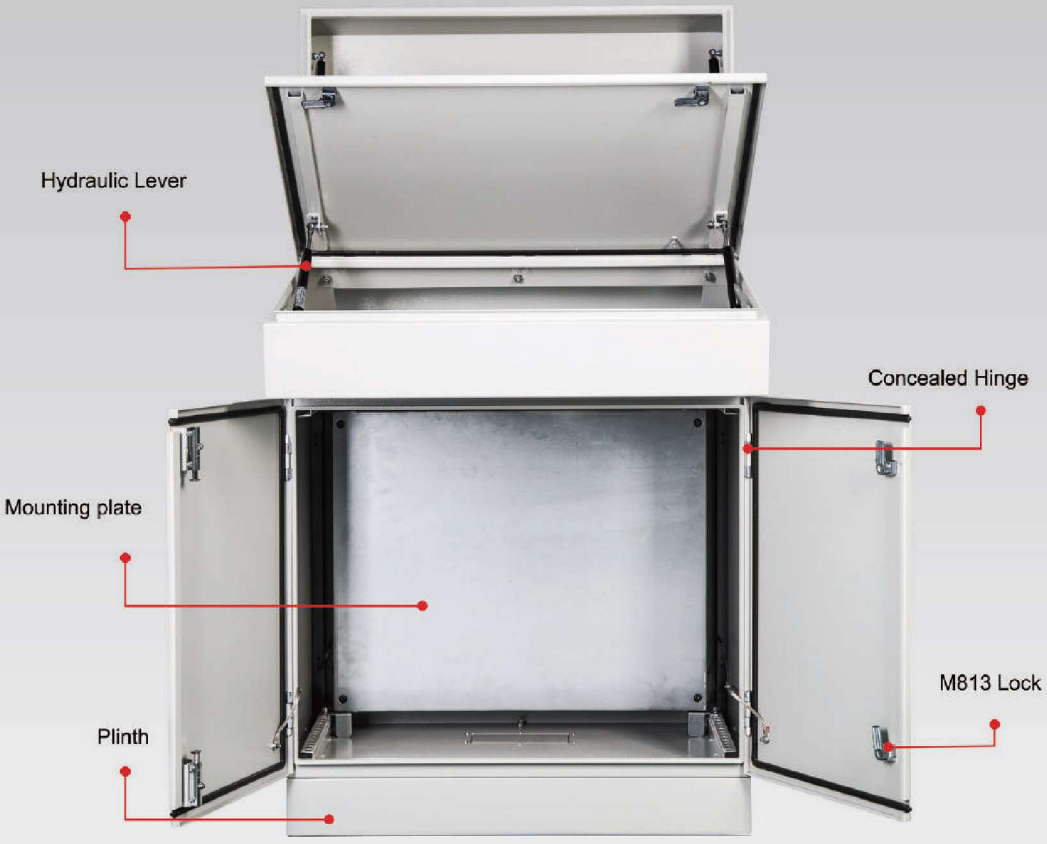
Model	Size(mm)		
	H	W	D
PC166060	1600	600	600

For more specifications, please contact us.

▪ Secure accommodation of all PC components, from monitors, to PCs, to keyboards. For ultimate ease of operation in a modern design. Perfect protection from humidity and dirt, temperature fluctuations and unauthorized access.

▪ With glazed door at the top, keyboard drawer, small mounting compartment and component shelf.
Alternative operating concept via fold-out tray or desk section.

Desk Console



Material

- Handles, decorative
- Trim panels: Plastic

Protection Category

- IP54 to EN
- 60 529/09.2000

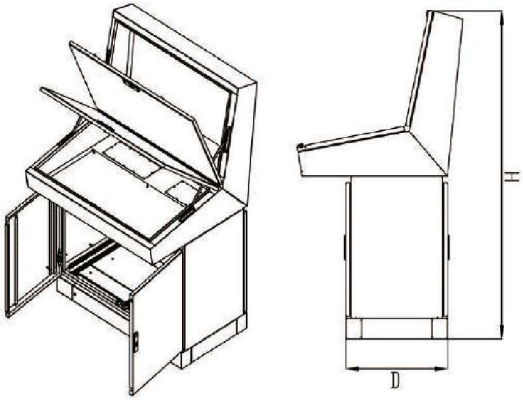
Surface Treatment

- Enclosure, Door
- Supports: sheet steel

AP/AD DESK CONSOLE



Material: Cold rolling steel
Protection degree: IP54, Impact resistance IK10
Color: RAL 7035, Paint finish epoxy polyester powder coating texture finished
Thickness of the sheet steel: Front door 2.0mm / Enclosure body 1.5mm. bottom cable plate 2.0mm Galvanized mounting plate: 2.0mm
Front / Rear door and operation panel can be opened for convert installation.
Zinc coated mounting plate can move back and forth.
Supply Include:
Door with lock + hinges, Mounting plate
enclosure body.





Model	Size(mm)		
	H	W	D
AP156080	1500	600	800
AP158080	1500	800	800
AP151080	1500	1000	800

Model	Size(mm)		
	H	W	D
AD106080	1000	600	800
AD108080	1000	800	800
AD101080	1000	1000	800

For more specifications, please contact us.

- Desk section for universal console, installing display and control components inside with various user specific versions; when using a suitable trim panel, or mounting on a desk unit

- The table indicators allow you to immediately find the way for your work side.

Small operating units are easily integrated into separate Command Panels.



PROJECT CASE

COMPREHENSIVE ELECTRICAL SOLUTIONS FOR DIVERSE APPLICATIONS



Waste Water Cleaning Processing



Process Control of CNC Machinery



Mine Industry PLC Control System



Outdoor Communication Control



Pharmaceutical Opertation Processing



Automated Robot Control System



APFC & MDP Hospital System



Subway Track Traffic Control



Bank Building Lighting Control System



INDUSTRIAL MULTIFUNCTIONAL

PROGRAMMABLE WELDING ROBOTIC

- **Collision detection program:** quickly detect of external forces and make the Robotic stop welding action ensuring the long lifespan of the robotic & operator's safety.

- **Smart welding track memory and imitate:** robotic training process could be simplified by applying the force control dragging, it would imitate the welding track 1:1 precisely.
- **Safe & reliable:** IP67 high protection grade and 5kg large load capacity.

- **High speed & precision:** rated speed up to 3.93rad/s, 225°/s; max speed up to 5.89rad/s, 337.5°/s.
- **High-quality service and efficient after-sales service:** remote software monitoring for checking the robot's operating status and maintenance job.

- **Custom programmable robotics meeting your application:** welding, coating, polishing, parts sorting, assembling, logistics… for each part of industrial process.











- **Custom programmable robotics meeting your application:** welding, coating, polishing, parts sorting, assembling, logistics… for each part of industrial process.



ERGONOMIC ASSEMBLY FRAME

INCREASE WORK EFFICIENCY BY 30%

REDUCE WORK-RELATED INJURY RISK BY 80%



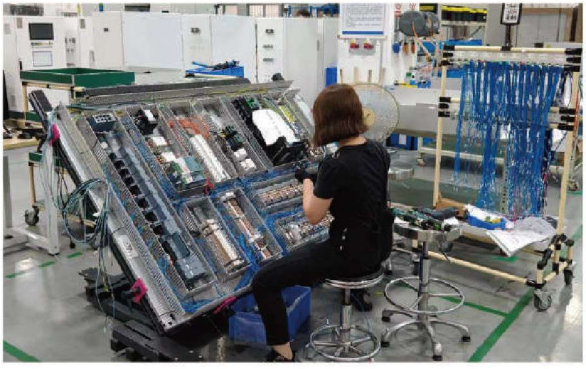
Before After

EASY OPERATING & FLEXIBLE ERGONOMIC TOOL FOR ASSEMBLY WORKSHOP

- R&D team design it for our own workshop of panel board wiring and cabinet assembling
- Adjustable operating platform degree: 0-78 degree, ergonomic design for health & efficiency
- Universal wheel design for easy transporting of semi-finished or finished panel cabinets
- Combined or individual design meeting different workshops of different scale
- Contact us if you definitely need this clever tool, we could modify for you based on demand

YouTube



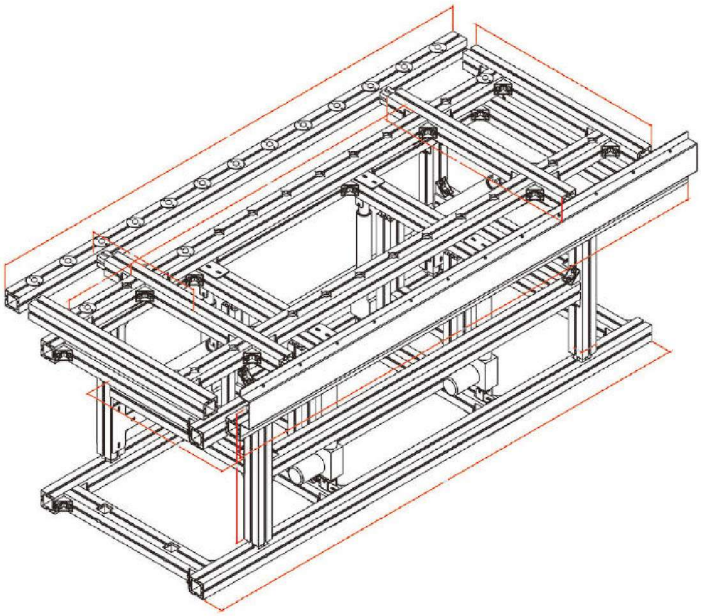


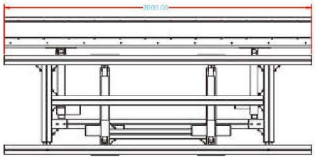


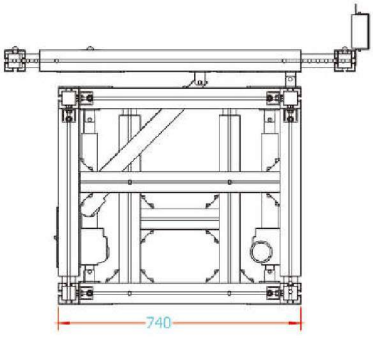


ASSEMBLY FRAMES:

HEIGHT AND TILT ADJUSTABLE ERGONOMIC DESING FOR EFFICIENT PANEL WIRING&MOUNTING









Parallel design for Assembly line



Smart digital control HMI system support



Surface fixing nut design Easier wiring & assembly



Hydraulic rod lift design Safer and more efficient

PARAMETER SETTING:

Part No.	Description	Remark
①	Size	H2000XW800XD740mm
②	Electric engine regulation	300*400mm
③	Working tilt Angle	0-75°
④	Minimum area of inclined working face	2000X880mm
	Maximum area of inclined working face	2000X1100mm
⑤	stretching work surface	2000-1400mm
⑥	Wheel	360°
⑦	Bearing capacity	300KG

WORKSHOP







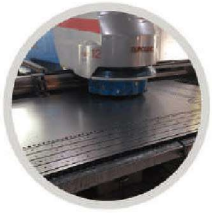


EQUIPMENTS INTRODUCED

A quality enclosure not only maintains a better appearance over time in an industrial environment, it also does a better job of protecting the components within it. The reliability of a control system depends on a quality enclosure properly protecting its electronic control components no matter what the external environment.
E-abel is constantly modernizing manufacturing facility, and committed to produce enclosures of consistently high quality.

- **ISO9001 quality management, ISO14001 environmental management, ISO45001 occupational health certification**
- **230, 000 Square Feet Facility**
- **300 + Employees**

The facility has taken place in producing enclosures. In addition, these processes also lower the cost for you, the user. Add our highly efficient operation, and you can enjoy "OEM- like" prices on single unit Sample. Just look at a few of the features provided by the modernized manufacturing processes.



CNC Punching Machine

15 sets



Mold Pressing

25 sets



CNC Bending Machine

20 sets



Butt welding machine

15 sets



Laser Cutting

5 sets



Auto Welding Line

5 sets



Seamless Corner Machine

2 sets



Powder Coating Automatic Line

2 sets



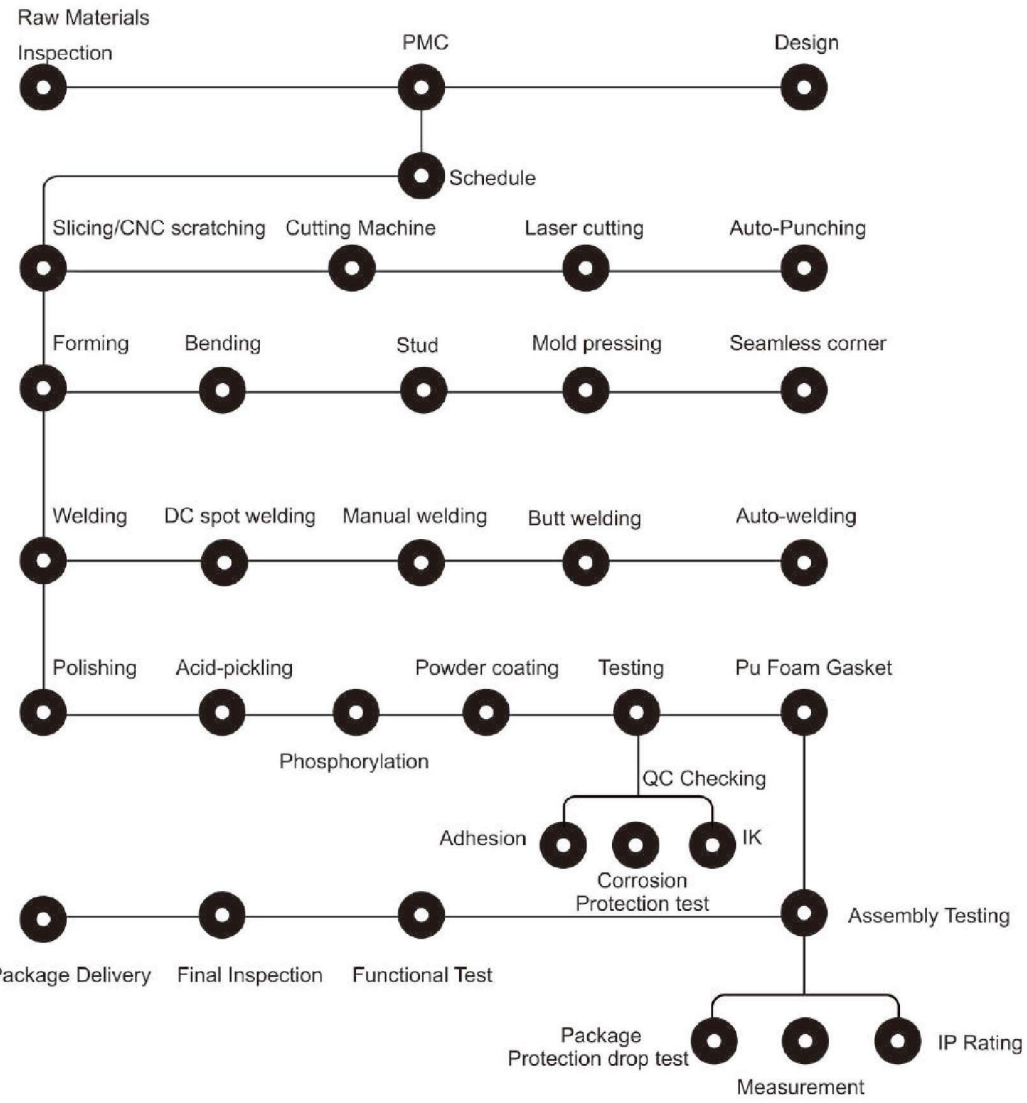
PU Foam Gasket

2 sets

PRODUCTION PROCESS

Based on ISO9001、ISO14001、ISO45001: 2015 quality system certification

YouTube











PACKAGING & DELIVERY



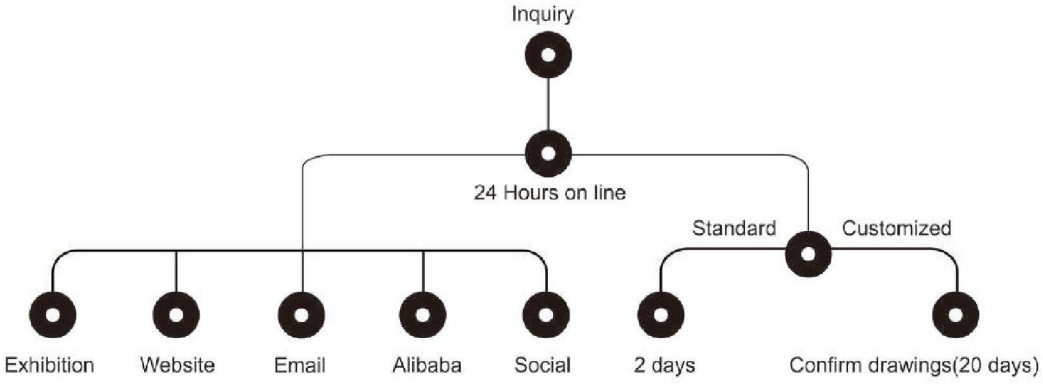








If you have any questions or queries, E-abel members will be always happy to help. Feel free to contact us :



TO BE E-ABEL'S DISTRIBUTORS

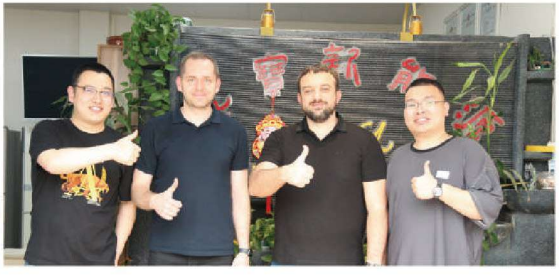














SOCIAL RESPONSIBILITY

Social responsibility means that businesses, in addition to maximizing industry value, must act in a manner that benefits society. Social responsibility has become increasingly important to investors and consumers who seek investments that are not just profitable but also contribute to the welfare of society and the environment.

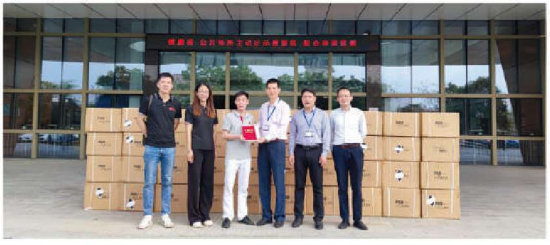
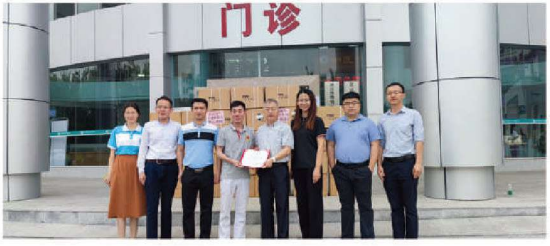
We as socially responsible company have adopted policies that promote the well-being of society and the environment while lessening negative impacts on them.

During COVID-19, E-abel has already donated the face masks and other epidemic prevention products in our locality and some countries.

Further more, E-abel provides also the electrical enclosures for HSS hospital project and ambulance center in L A.







Flexible
Practical
Remarkable
E-abel

www.eabel.com

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Email: info@eabel.com
Hotline: (+86)131 4319 8552
Factory Address: No.45, Hai nan zhou Industrial Zone,
Nanhai District, Foshan City, Guang dong Province, PRC

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