

Power Distribution











Power CPGS

Power CPGS are used in industrial and commercial applications, whether for low voltage. They are composed of switching equipment, including switches, fuses, circuit breakers, control panels, isolators, transformers, relays, and other associated tools.

Power It Power Enclosure are working together to securely distribute power in an electrical system while also protecting the whole electricaldevice in case of possible faults or overloads.



Features:

- Short circuit performance able to achieve up to 100kA for 1 second.
- Use of insulated copper busbars with a minimum purity of 99.90; prevents risk of short-circuit (Compliant to IEC 61439)
- Op to Form 3b form of internal separation.
- Ingress Protection up to IP66 (Compliant to IEC 60529)
- Compact and flexible modular design conserves maximum space
- Customisable to special dimensions according to customer requirements
- Compliant to IEC standards 61439-1, -2; designed to meet local technical standards, practices and requirements.
- High forming of frame structure enclosures greater mechanical strength and toughness.
- The frame structure is reinforced through welding, providing exceptional strength and rigidity, while the modular design allows for easy assembly and disassembly
- Used naturally ventilated, option to insert additional fans for greater heat dissipation.
- Fully quality internal inspection and quality assurance before delivery



Low Voltage Main Distribution Panels





LVMDP Panel

LVMDP Ideal for power distribution in industrial facilities, data centers, and commercial buildings. Designed with high-performance copper busbars, modular enclosures, and compliance with IEC standards, the LVMDP panels offer superior protection against faults and overloads, ensuring reliable and safe power distribution"



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Technical Specifications

Smart Features Integ	Door sealing Poly	Cable Entry Top	IK degree of IK10 protection	IP degree of Indo protection	Painting of all Pow parts	Pretreatment Five Process	Weight (Empty 300 - approx)	Thickness 1.5	Material	Depth (mm) 100	Width (mm) 800	Height (mm) w/o Plint (100)	Part Number PIPS	Bela	Specifications ACE
rated with the	/urethane Gask	and Bottom (R) conforming IE(oor :IP43; Outdo	vder coated (Ra	stage iron-ph	Kg	~ 2 mm	mium grade Co	0		Ō	S200204	ow 4000A	3 Туре
loT or intelligent mor	ket Foam	emovable top & bott	C 62262	oor: up to IP66, confc	al-7032/Dark grey; Ra	osphate pretreatmer	350 Kg		Id rolled steel sheet	1200	1000		PIPS200404	4000A	
iitoring systems		om panel)		orming IEC 60529	al-7035/Light grey); \$	nt, tested to 480 hou	400 Kg		(Spcc), High grade G	1200	1200		PIPS200604	Above 5000A	
					Standard zones C3	urs salt spray Accor	85 Kg		alvanized / Galvalu	250	800	1000	PIPS100200	Below 250A	МССВ Туре
					M up to C5M, confi	ding to ASTM B117;	55 Kg		m / Stainless Steel	250	600	2000	PIPS200202		
					orming ISO 12944-6	ASTM D 1654v	275 Kg			800	800	800	PIPS080100	400A ~ 1600A	
							200 Kg			600	600	2000	PIPS200101		PDU-Panel



Capacitor Bank

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Capacitor Bank

Capacitor Bank Panel Used in industrial power systems to improve power factor and enhance energy efficiency. They include switches, fuses, circuit breakers, control panels, and other essential components. These enclosures protect entire electrical system from faults or overloads. Designed for safety and reliability, they ensure seamless power management.



Features:

- Short circuit performance able to achieve up to 100kA for 1 second.
- Use of insulated copper busbars with a minimum purity of 99.90; prevents risk of short-circuit (Compliant to IEC 61439)
- Up to Form 3b form of internal separation.
- Ingress Protection IP43 up to IP54 (Compliant to IEC 60529)
- Auto Start & Stop generator and cooling down Auto load sharing module with digital control or with adjuster
- Customisable to special dimensions according to
 customer requirements, height can be adjusted by 50 mm pitch.
- Compliant to IEC standards 61439-1, -2; designed to meet local technical standards, practices and requirements.
- High forming of frame structure enclosures greater mechanical strength and toughness.
- The frame structure is reinforced through welding, providing exceptional strength and rigidity, while the modular design allows for easy assembly and disassembly
- Used naturally ventilated, option to insert additional fans for greater heat dissipation.
- Fully quality internal inspection and quality assurance before delivery.



PDU Power Distribution Unit

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PDU

Power It Power Enclosures are used in industrial and commercial applications to securely distribute low voltage power. They include switches, fuses, circuit breakers, control panels, and other essential components. These enclosures protect the entire electrical system from faults or overloads. Designed for safety and reliability, they ensure seamless power management.

Features:

- Power Distribution
- Overload and Short-Circuit Protection
- Monitoring and Metering
- Remote Power Management
- Load Balancing
- Surge Protection
- Environmental Monitoring
- Cable Management

Applications:

- Data Centers: Power distribution to servers, storage devices, and networking equipment.
- Industrial Facilities: Powering production lines, heavy machinery, and control systems.
- Commercial Buildings: Managing power distribution to lighting, HVAC systems, and office equipment.
- Telecommunications: Providing power to communication equipment, such as routers, switches, and base stations.

Height (H)	Width (W)	Depth (D)
2100	600	600
2100	600	800
2100	800	600
2100	800	800

Spesification:

Height (H)	Width (W)
Area Panel Type	Indoor
Finishing	Powder Coating RAL7032
Ingress Protection	IP 42
Lock System	Swinghandle







Wallmounted Outdoor

An Outdoor Marshalling Kiosk is a protective enclosure that houses electrical and control equipment, used to organize, terminate, and manage field wiring in industrial and utility applications. These kiosks are designed for outdoor use, typically in harsh environmental conditions, and are used to interface between field devices (such as sensors, actuators, and switches) and central control systems. They are commonly deployed in substations, power plants, oil and gas facilities, and other critical infrastructure projects.

The Outdoor Marshalling Kiosk plays a crucial role in protecting and organizing electrical and control systems, ensuring safe and reliable operation in harsh environments. Its robust design, protective features, and ability to house critical equipment make it an essential component for infrastructure and industrial projects.



Features:

- Sield Wiring Termination
- Signal Marshalling
- Environmental Protection
- Cable Management
- Housing for Electrical Equipment
- Ease of Access for Maintenance
- Protection from Electrical Hazards
- Interface for Control Systems

Applications:

- Substations: Interfaces between transformers and control rooms, providing a central point for signal marshalling and termination.
- Oil and Gas: Used in oil rigs, refineries, and pipelines to connect field instruments to control systems.
- Power Generation: Manages field wiring for power plants, ensuring smooth transmission of signals between control systems and field devices.
- Water Treatment Plants: Interfaces between sensors, pumps, and control systems to ensure proper operation of the plant.



1243

ATSMF Panel

Automatic Transfer Switch - Main Failure







Spesification

	Wallmount	Free Standing			
Area Panel Type	Indoor/Outdoor	Indoor/Outdoor			
Dimensions	800*,600*,250*	100 + 2000*800*800			
	1000*,800*,250*	100 + 2000*800*1000			
Finishing	Powder Coating RAL 7032	Powder Coating RAL 7032			
Ingress Protection	- Indoor :IP 42 -Outdoor :IP 54	- Indoor :IP 42 -Outdoor :IP 54			
Lock System	- Indoor :Quarter Turn -Outdoor :Quarter Turn + Gembok	Swinghandle			

Contact Information

Factory

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