



Pole mount Anti Corrosion waterproof electrical cabinet 1 Compartment with Embedded Power Supply

Our Product Introduction

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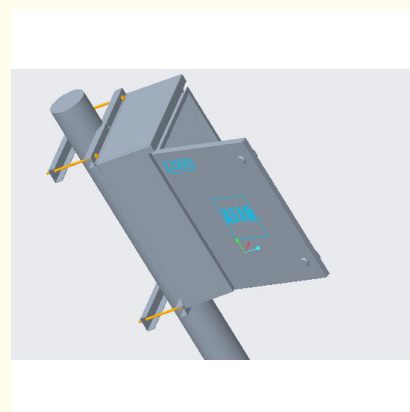
Basic Information

- Place of Origin: SHENZHEN
- Brand Name: daxin
- Certification: CE
- Model Number: ODC-210909C2T
- Minimum Order Quantity: 1 pcs
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 15-25 days
- Payment Terms: T/T
- Supply Ability: 10000pcs/month



Product Specification

- Embedded Power Supply Brand: Daxin
- Cabinet Layout: One Compartment
- Mount Way: Pole Mount
- Product Category: Outdoor Power Cabinet
- Product Name: Power Supply Cabinet Power/AC To DC Power Supply/48V Power Supply
- Cabinet Dimension: 700H * 350D * 580W
- Capacity: 48V/10A~150A
- Input Voltage: 100-240V
- Highlight: Anti Corrosion Waterproof Electrical Cabinet, 1 Compartment Waterproof Electrical Cabinet, Anti Corrosion Electrical Supply Cabinet



More Images



Product Description

Pole mount Anti Corrosion waterproof electrical cabinet 1 Compartment with Embedded Power Supply

Technique Parameter			
Item		Parameter	Remark
AC distribution unit	Communication on lightning protection	Grade C:20~40KA	
	Communication input	63A/2P*2	The limit breaking ability ICU $\geq 6kA$, the short circuit segmenting ability Ics $\geq 6kA$
	Intelligent instrument (optional)	DDS3366P-3Type single-phase three-way electric energy meter	Can detect AC voltage, current, electrical energy, three-way input switch values, etc.
Rectifier module		RM4850*3	
Monitoring unit		SM32	
DC distribution unit	Battery switch	100A/1P*2	Ultimate breaking capacity Icu $\geq 20kA$ and operating short-circuit breaking capacity Ics $\geq 15kA$
	Primary Power Down	63A/1P*1;32/1P*2;20/1P*2	
	Secondary Power Down	20A/1P*1;10A/1P*2;	Limit breaking capacity ICU $\geq 6ka$ and running short circuit breaking capacity ICS $\geq 6ka$
	DC lightning protection	Grade C:10~20KA	Configuration includes lightning protection plate
WPS30000-150		Dimensions: 700H * 350D * 580W, including temperature control system	

Principles of Our Power System:

The system input is sent to the rectifier module input through a 63A/2P circuit breaker. Parallel AC C-level lightning protection is used for lightning protection at the input end.

The rectifier module operates in parallel, and its DC output is connected through a busbar to supply two backup battery packs and DC loads. DC loads are controlled by fuses or air switches, providing users with on/off control for each load and protection against overload and short circuits.

Under normal system conditions, various parameters of the rectifier module and distribution unit are controlled by the monitoring module and operate according to their predetermined parameters or user commands. If the mains power fails, the system will switch to battery power supply. As the battery discharges, the voltage at the battery end begins to drop. When the battery voltage drops to a power down voltage point, the monitoring module controls the power down contactor to operate and cut off the load; When the battery voltage drops to the battery protection voltage point, the monitoring module controls the action of the secondary power-off contactor, cutting off the connection between the power system and the battery, protecting the battery from excessive discharge. At this time, the power system will stop working. When the external mains power is restored and the rectifier module resumes output, the system will resume normal operation. The monitoring module can detect and control the working status of the entire power distribution system. User commands can be issued through the keyboard on the monitoring module panel, local backend PC, and remote central control room. The system's working status and parameters can be displayed on the monitoring module LCD screen, local backend PC, and remote central control room. The system can collect various environmental variables, including smoke, door magnets, water immersion, temperature, and humidity, by configuring appropriate sensors report.

Environmental condition							
Environmental parameters				Transportation environmental conditions	Storage environmental conditions	conform to	notes
type	parameter	unit	Environmental conditions for use			Relevant standards	
	low temperature	°C	-40	-40	-25	YD/T1058-2000	"-40°C Can start at full load,

Weather	external temperature	high temperature	°C	45	70	55	4.1.1 and 4.1.2	" +55~+65°C Linear derating 20%.
		temperature variation	°C/min	/	1	/	ETS300019-2-2T2.3	
	humidity	relative humidity	%	5-90	90(40±2°C) /		YD/T1058-2000 4.1.3	Short term testing requirements: 0-95%, maximum value of 95%, non condensing
	air pressure	low pressure	Kpa	86	70	70	YD/T1058-2000 4.1.4	Only apply to modules
		high atmospheric pressure	Kpa	106	106	106		





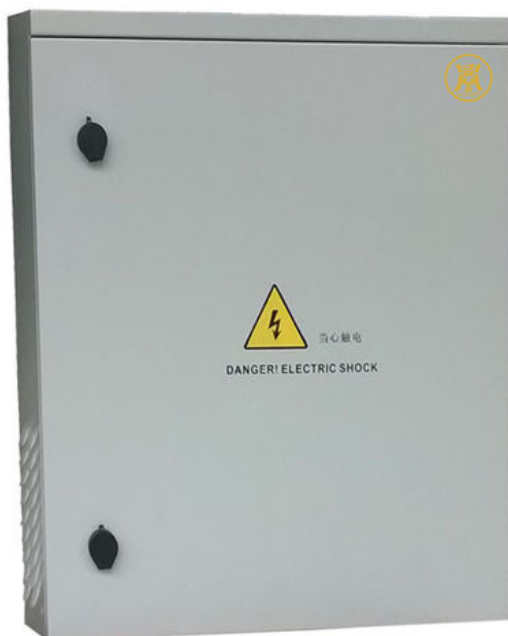
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