

PDU8000

Modular Power Distribution Cabinet

Introduction

The Modular Power Distribution Cabinet have modular architecture, standard manufacture process and electrical meters, ensure the power distribution system reliable, simple, convenient.

Scenario

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- Large datacenter
- Disaster recovery datacenter
- Enterprise datacenter

Features

Reliable

- Achieves CCC, CE, TLC certification and 9 anti-seismic intensity test
- Modular design, separation type up to Form3a

Simple

- LCD screen graphically displays electrical parameters for inputs
- Flexible configuration, adapts to kinds of scenarios
- With roller and leveling foot, easy to install and transport

Smart

- Comprehensive electrical parameters measurement for inputs
- Supports energy management
- Supports Modbus communications and it can be easily connected to intelligent monitoring system



Modular input PDC



Modular output PDC

Specifications

Items		Modular PDC
Parameter	Rated voltage	380/400/415V
	Rated current	Max. 1600A
	Rated frequency	50/60Hz
	Input switch	MCCB/ATS
	Separation type	Form2a/Form3a
	Rated impulse withstand voltage Uimp	8kV/4kV (including MCB)
	Rated peak withstand current Ipk of bus bar	40kA (160A~800A)/63kA (1000A~1600A)
	Rated short-time withstand current Icw of bus bar	20kA (160A~800A)/30kA (1000A~1600A)
	Ingress Protection	IP20
	Surge protection	Class C
	Cabling route	from the top or bottom
Monitoring Function (Only input PDC)	Monitoring function	Monitoring the voltage, current, power, power factor, harmonic etc. of input
	Communication	Modbus
Environment	Operating temperature	-5°C ~ +40°C
	Storage temperature	-40°C ~ +70°C
	Relative Humidity	5%~90% (No condensation)
	Altitude	0 to 4000m, derated when the altitude exceeds 2000m
Others	Dimensions (WxDxH) (mm)	800×850×2000
	Installation	Floor-mounted
	Weight	<450kg
	Certification	CCC, CE, TLC