

POWER DISTRIBUTION UNIT

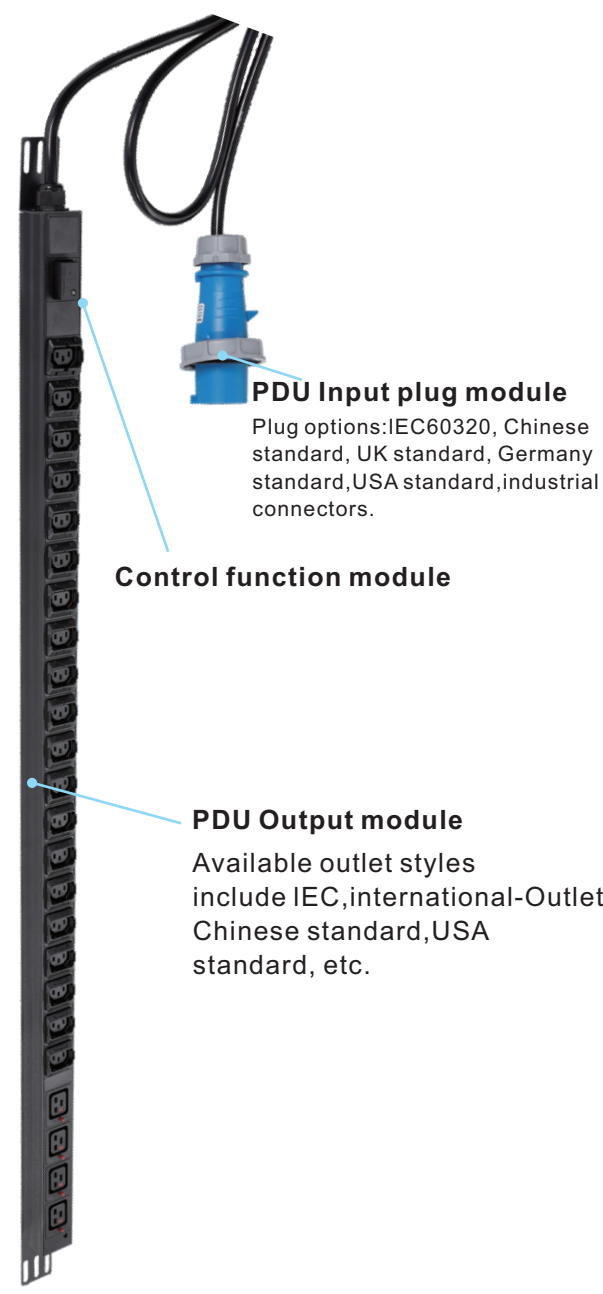


Basic PDU

Basic PDU (power distribution unit) is a device for providing electrical power in a data center or where any power connectivity needed. It is designed to provide standard electrical outlets for data center equipment.

Features

- 1U-1.5U Horizontal and 0U Vertical enclosure, Installation methods include rack-mounted, vertical installation, and Toolless button installation.
- Electrical plugs and sockets covering China, the US, the UK, Australia, Germany, France, Denmark, Switzerland, Italy, South Africa, as well as IEC and universal plugs and sockets.
- The control and protection module covering ON/OFF switch; Circuit breaker; Power indicator; Overload protect; Surge protection; 3 lights protective device; V/C meter; Current meter.
- 110V AC-240V AC, 50/60 Hz, single or 3 phase option.



PDU Input plug module

Plug options:IEC60320, Chinese standard, UK standard, Germany standard,USA standard,industrial connectors.

Control function module

PDU Output module

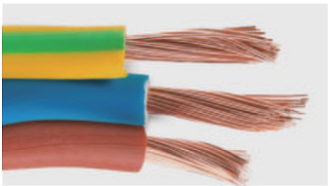
Available outlet styles include IEC,international-Outlet, Chinese standard,USA standard, etc.

Material display



Integration welding of copper bar

High conductivity, reduce the possibility ofwelding leakage



High quality power cord

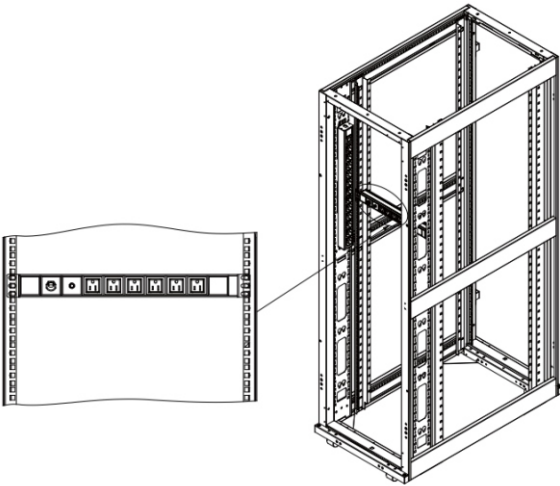
Oxygen free copper, good, electrical conductivity lasting stability



Durable metal housing

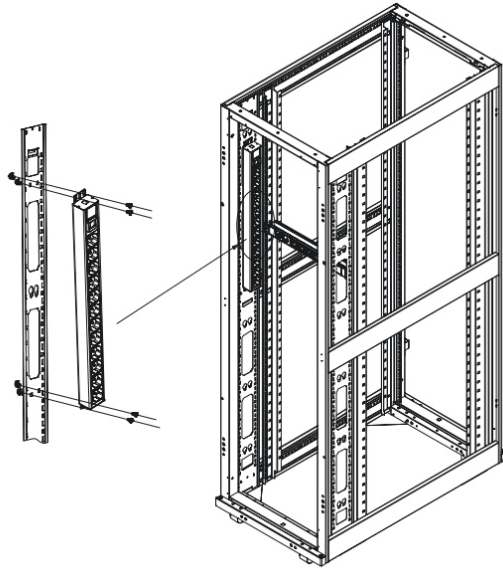
Excellent frame retardancy and heat dissipation, long service life.

Rack-Mounted PDU



Technical Specifications	
Enclosure material	Aluminium alloy
Mounting method	1.5U rack-mounted
Input plug	C14
Output socket	C13
Number of sockets	8 PCS
Control and protection	ON/OFF switch
Rated voltage	230V AC
Rated frequency	50/60Hz
Max. power	2300W
Operating temp.range	0℃ to 55℃
Operating humidity range	5% to 95%

Vertical PDU



Technical Specifications	
Enclosure material	Aluminium alloy
Mounting method	0U vertical installation
Input plug	IEC60309 32A
Output socket	C13+C19
Number of sockets	23+3PCS
Control and protection	SPD
Rated voltage	230V AC
Rated frequency	50/60Hz
Max. power	7360W
Operating temp.range	0℃ to 55℃
Operating humidity range	5% to 95%

Intelligent PDU

Intelligent PDU play a critical role in maintaining the uptime and efficiency of modern data centers by providing visibility into power usage and enabling proactive management of power-related issues. The intelligent PDU has the following functions: Remote monitoring, real-time data, outlet-level control, alerts¬ifications, energy efficiency, load balancing, historical data&reporting, security, environmental monitoring, integration with data center management software, remote power cycling, rack-level and device-level management, predictive maintenance.



PDU Type

Product Function	Input Monitored	Monitored Switched	Monitored Per Outlet	Monitored & Switched Per Outlet
PDU Energy Metering and Monitoring				
Measurement of total input electrical energy	✓	✓	✓	✓
Measurement of total current electrical energy	✓	✓	✓	✓
Active PDU level power energy measurements (V,A,KW,KWh)	✓	✓	✓	✓
Power measurements by Input Phase(V,A,kW,kWh)	✓	✓	✓	✓
Measurement the electric energy of each outlet		✓		✓
Current measurements by Circuit breaker	✓	✓	✓	✓
Billing Grade Accuracy	1.0%	1.0%	1.0%	1.0%
Embedded log memory to record/review/report	✓	✓	✓	✓
Outlet control				
Individual outlet power metering			✓	✓
User access control with two levels	✓	✓	✓	✓
Individual outlet remote power on/off control		✓		✓
Power-on sequencing and time delays with full user		✓		✓
Outlet level grouping		✓		✓
User access control with two levels	✓	✓	✓	✓
Circuit Breaker Status Monitoring				
Monitoring and alarming of circuit breaker status by voltage of the output port or bank status from website	✓	✓	✓	✓
Local display and network management				
Network management via Web and SNMP	✓	✓	✓	✓
User interactive LCD display for local access	✓	✓	✓	✓
Network Port Sharing	32	32	32	32
PDU Management & Notifications				
Responsive web interface with HTTP(s), SNMPV1N2V3, Modbus, Command Line Interface, USB(firmware upgrade and log export)	✓	✓	✓	✓
Email notification,SNMP traps & Syslog notification	✓	✓	✓	✓
Environmental Management				
Optional Plug & Play temp & hum sensors	✓	✓	✓	✓
User -customized alarms thresholds and warnings	✓	✓	✓	✓
Circuit Breaker Status Monitoring				
Monitoring and alarming of circuit breaker status by voltage of the output port or bank status from website	✓	✓	✓	✓
Environmental & compliance				
Operating temperature	-5°C to +60°C			
Operating Humidity	5-95%RH, non-condensing			

Control Function Module



Socket Style:Master switch
Parameter:10A/16A 125VAC



Socket Style: Air circuit breaker
Parameter:1P/2P 10A-32A 250VAC



Socket Style:Leakage protection
Parameter:10A/16A 250VAC



Socket Style:Indicator light
Parameter:125V/250VAC



Socket Style:Overload protection
Parameter:10A/16A 125VAC



Socket Style: Hot-swappable and
Surge protection
Size: 1U/1.5U



Socket Style: Surge protection
Size: 1U/1.5U



Socket Style: V/C Meter
Size: 1U/1.5U



Socket Style: Three light filtering
surge protection
Size: 1U/1.5U



Socket Style:Wireless terminals
Size: 1U/1.5U

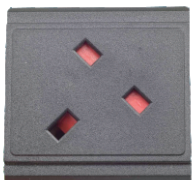
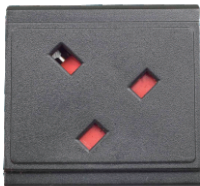
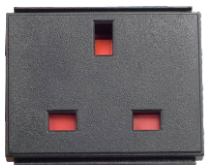
Output Module



Socket Style	NEMA5-15R	NEMA5-20R
Parameter	15A 125VAC	20A 125VAC



Socket Style	BS1363(90°)	BS1363(45°)	NFC61-314
Parameter	13A 250VAC	13A 250VAC	16A 250VAC



Socket Style	IEC60320 C13	IEC60321 C13(Anti-fall)	IEC320 C14
Parameter	10A 250VAC	10A 250VAC	10A 250VAC



Socket Style	IEC320 C20	IEC320 C19
Parameter	16A 250VAC	16A 250VAC





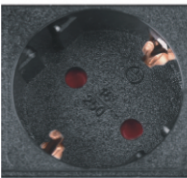
Australia



Socket Style	AS 3112	AS 3112
Parameter	10A 250VAC	15A 250VAC



Germany



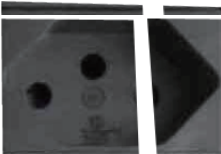
Denmark



Socket Style	DIN49440	Socket Style	SB 107-2-D1
Parameter	16A 125VAC	Parameter	13A 250VAC



Switzerland



IEC



Socket Style	SEV 1011	Socket Style	SI 32
Parameter	10A 250VAC	Parameter	16A 250VAC



France



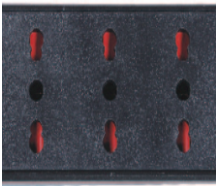
South Africa



Socket Style	NFC61-315	Socket Style	RSA 546
Parameter	16A 251Vac	Parameter	16A 250VAC



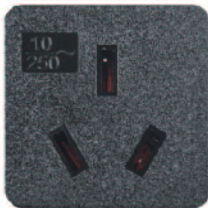
Italy



Socket Style	Italy Universal	Italy Universal
Parameter	16A 250VAC	16A 250VAC



China



Socket Style	GB1002	GB1002	GB1002
Parameter	10A 250VAC	16A 250VAC	10A 250VAC



China



Socket Style	GB1002	GB1002
Parameter	10A 250VAC	16A 250VAC

Universal



Socket Style	GB2099.3	GB2099.3
Parameter	16A 250VAC	10A 250VAC

Intput Module



USA



Socket Style	NEMA5-15P	NEMA5-20P	NEMA5-30R
Parameter	15A 125VAC	20A 125VAC	30A 125VAC



Britain



Socket Style	BS1363
Parameter	13A 250VAC



IEC



Socket Style	IEC320 C13	IEC320 C14	IEC60309
Parameter	10A 250VAC	10A 250VAC	16A/32A 250VAC



IEC



Socket Style	IEC320 C19	IEC320 C20
Parameter	16A 250VAC	16A 250VAC



China



Socket Style	GB1002-1	GB1002-2
Parameter	10A 250VAC	16A 250VAC



Australia



Socket Style	AS/NZS 3112
Parameter	10A 250VAC



Germany



Socket Style	DIN49441
Parameter	15A 125VAC



Denmark



Socket Style	SB 107-2-D1DK2-1A
Parameter	13A 250VAC



South Africa



Socket Style	BS546	RSA546
Parameter	16A 250VAC	16A 250VAC



Italy



Socket Style	ITALY
Parameter	16A 250VAC



Switzerland



Socket Style	SANS 164
Parameter	10A 250VAC



IEC



Socket Style	SI32
Parameter	16A 250VAC