Product Data Sheet

Specifications



Rack PDU , Metered, ZeroU, 23.0kW, 415V, (36) C13 & (6) C19

Overview

Presentation	Metered Rack Power Distribution Units (PDUs) provide active metering to enable energy optimization and circuit protection.User-defined alarm thresholds mitigate risk with real-time local and remote alerts to warn of potential circuit overloads.Metered Rack PDUs provide power utilization data to allow Data Center Managers to make informed decisions on load balancing and right sizing IT environments to lower total cost of ownership.Metered Rack PDUs include real power monitoring, a temperature/ humidity sensor port, locking IEC receptacles, andultra low profile circuit breakers. Users can access and configure Metered Rack PDUs through secure Web, SNMP, or Telnet Interfaces Centralized Management platforms using InfraStruxure Central, Operations, Capacity, and Energy Efficiency.
Lead Time	IN 20 DAYS

Main

Color	Optional
Product Or Component Type	Smart PDU
PDU Type	Metered
Cord Length	5G * 6 mm² * 3 m
Number Of Cables	1
Provided Equipment	Rack Mounting Brackets

Complementary

Input Voltage	415 VAC 3 phase
Height	1830 mm
Width	52 mm
Depth	44.4 mm
Output Voltage	240 V
Net Weight	8 kg
Mounting Location	Side
Mounting Preference	No Preference
Input Plug Type	IEC 60309 3P+N+PE
Mounting Mode	Rack-mounted
Circuit Breaker Module	6*1P 16A Hydraulic Circuit Breaker
Input Current Limits	32 A
Load Capacity	23000 VA

Input Frequency	50/60 Hz
Outlet Type	36 IEC 60320 C13 6 IEC 60320 C19

Environment

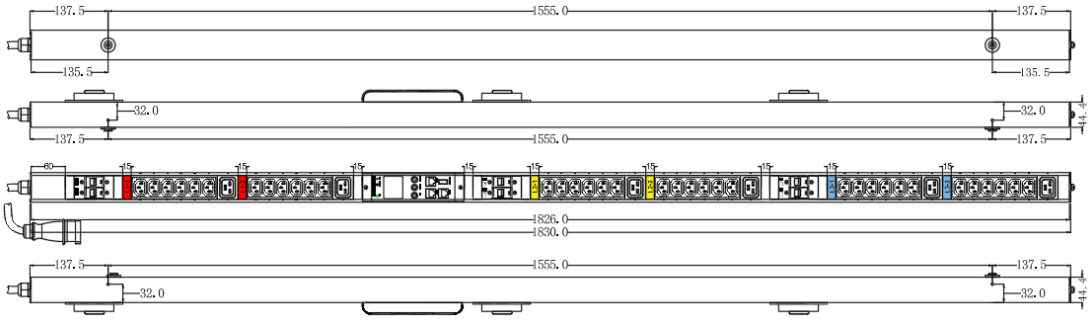
Product Certifications	CE RoHs
Standards	IEC Standard
Ambient Air Temperature For Operation	23…140 °F (-5…60 °C)
Relative Humidity	5…95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-13…149 °F (-25…65 °C)
Storage Relative Humidity	5…95 %
Storage Altitude	0…50000 ft (0.0000000000…15240.0000000000 m)

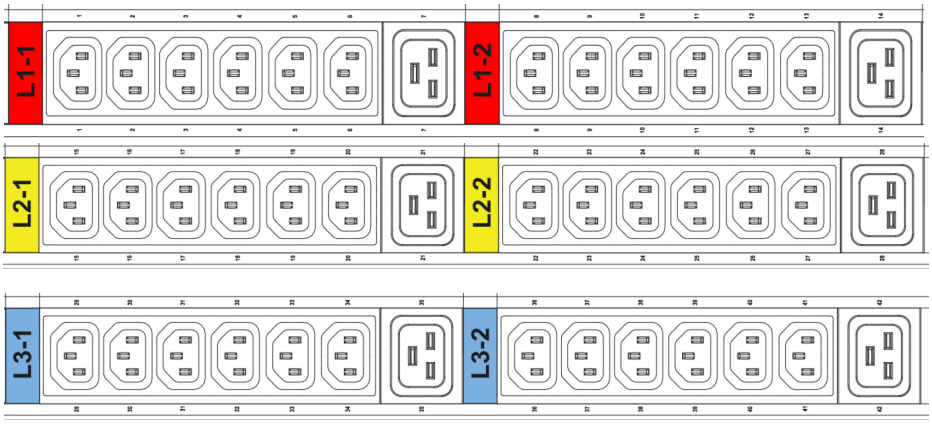
Ordering And Shipping Details

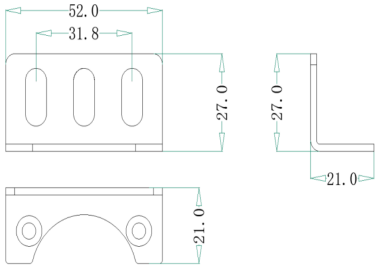
GTIN	8536690000
Country Of Origin	China

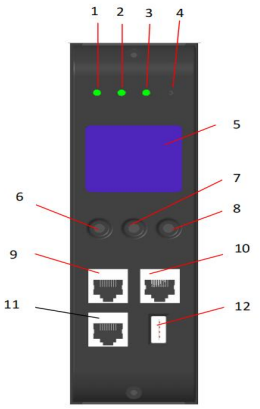
Contractual Warranty

Warranty	2 years repair or replace









1：Running indicator
2：Level 1 alarm indicator
3：Level 2 alarm indicator
4：Reset button
5：LCD
6：Up
7：Down
8：Menu button
9：LAN1
10：LAN2
11：COM
12：Sensor USB

No.	Item			Parameters
1	Display	Display method		LCD
		Display contents		current, voltage, power, power factor, frequency, IP address, temperature, humidity
		Accuracy	Voltage	Accuracy：±(1％+3byte) Resolution：0.1V Respond time：400ms Display method：LCD; Display direction：Vertical
			Current	Accuracy：±(1％+1byte) Resolution：0.1A Respond time：400ms Display method：LCD; Display direction：Vertical
			kWh	Accuracy：±1％ Resolution：0.1kWh Respond time：400ms Display method：LED; Display direction：Vertical
2	Monitor			Total load current
				Input Voltage
				Total energy consumption（kWh）
				Total Power (kW)
				Power factor
				Temperature/humidity
3	Setting			Threshold of Amps/Volts/Temperature and humidity
				Email alarm address
				HTTP
				SNMP（V1\V2\V3）
				Network（IP, gateway, subnet mask, DNS）
4	Alarm	System default alarm		When current exceed Max
				When voltage exceed Max
		User defined alarm		When current exceed the threshold
				When voltage exceed the threshold
				When Temperature/humidity exceed the threshold
		Alarm		Buzzer sounds
				Send E-mail to administrator automatically
				SNMP sends trap alarm information
5	Central management			Compatible with DCIM or Manager software to do central management
6	Access			Web based, access via web browsers like IE, Firefox and Google
				SNMP v1\V2\V3support
				Via console of serial communication
				SSH V2 version encrypted command
7	User Management			User name and password configurable
8	security			CA certificate

SENSOR SPECIFICATION -V1.1

1、Application scenario

The SMART PDU products can be configured with different sensors：
Temperature andHumidity sensor;Door sensor;Water sensor； Smoke sensor:
Infrared Sensor;Wind Sensor;
Use SENSOR BOX, The SMART PDU can be connect more sensors(Total 10 sensors)

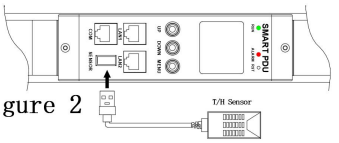


Figure 2

2、Connection diagram

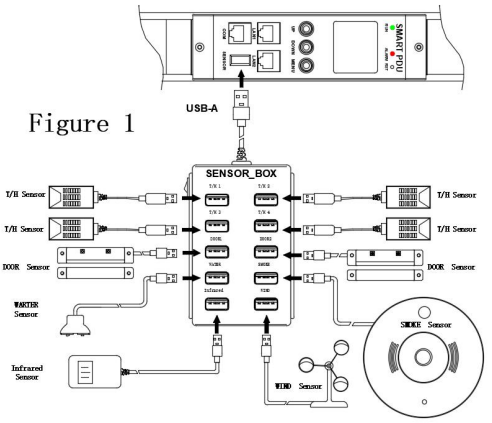
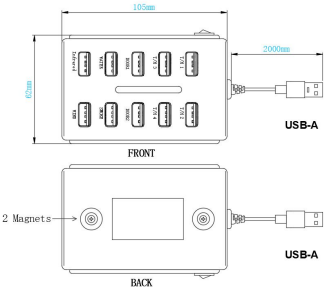


Figure 1

3、Model Number

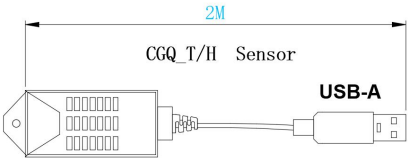
Product name	SENSOR_BOX	Product specification and model		CGQ_BOX
Product specification parameter description	Sensor Port	10 USB Port	Color	BLACK
	Rated Voltage	12VDC	Line length	2M
	Rated Current	300mA	Dimensions	105*62*20mm

Product drawing



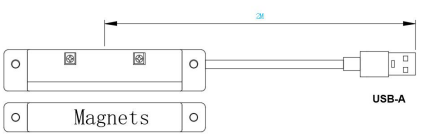
Product name	Temperature and Humidity sensor	Product specification and model		CGQ_T/H
Product specification parameter description	Temperature	Range：-40-100℃	Humidity	Range：0-99%RH
		Resolution：1℃		Resolution：1%
		Precision：±1℃		Precision：±2%RH (25℃)

Product drawing



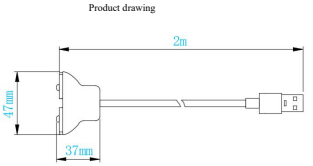
Product name	Door Sensor	Product specification and model		CGQ_DOOR
Product specification parameter description	Distance of action	18mm ±8mm	Work	Normal closure
	Rated Voltage	100VDC	Status	Normal open
	Rated Current	300mA	Dimensions	27*14*8mm

Product drawing



Product name	Water Sensor	Product specification and model		CGQ_WATER
Product specification parameter description	Rated Voltage	12VDC±5%	Status Current	< 30uA
	Rated Current	20mA	Dimensions	Φ47*30mm

Product drawing



Product name	Smoke Sensor	Product specification and model		CGQ_SMOKE
Product specification parameter description	Alarm Temperature	54℃-65℃	Smoke sensitivity	2.06%ft±1.3
	Rated Voltage	12VDC	Status Current	<10uA
	Rated Current	20mA	Dimensions	Φ126*36mm

Product drawing

