Intelligent Power Distribution Unit

🔴 **Red Version**   🔵 **Blue Version**

5pin 4p + E 16A

4-in-1 / IEC Combo
C39 Outlet Socket
Combination C13, C15, C19 & C21 Socket
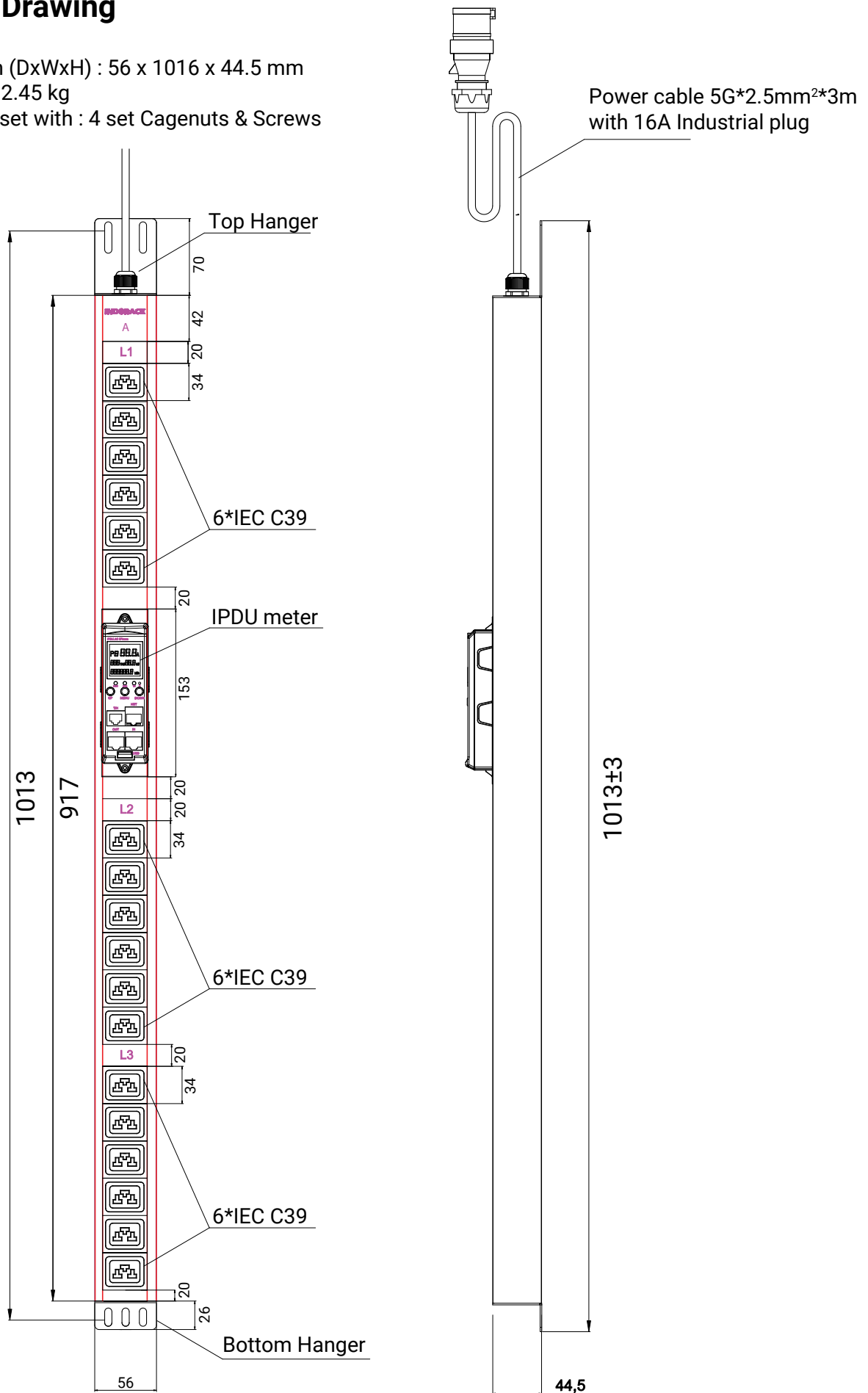for C14, C16, C20 & C22 Plugs

Intelligent Power Distribution Unit

IPDU intelligent meters utilize the SUM (sustainable, scalable, maintainable) design concept to optimize energy use and protect circuits. As a core component of metered PDUs, they provide active power monitoring and real-time alarms to prevent circuit overload. These rack-mounted PDUs offer power usage data, helping data center managers balance loads and optimize IT resources, reducing overall costs. Users can access them via Ethernet or RS485, making them suitable for IDCs, banks, securities, government, enterprises, and data centers.
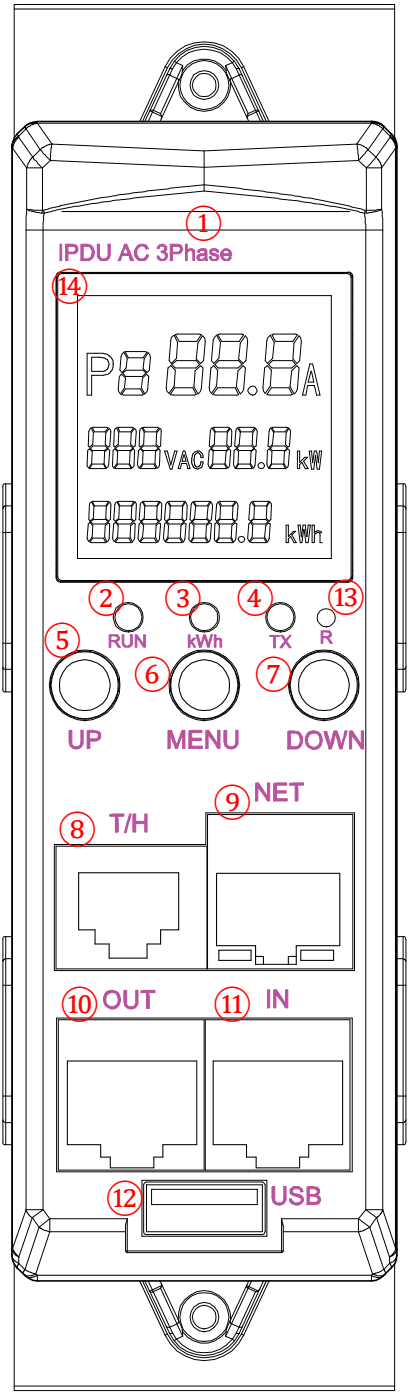
Functional Project	Specification	
Electrical Parameters	Input Voltage	3 PH, 380Vac
	Max	3*16A
	Frequency	50/60 Hz
	Output Voltage	380V
Structural Parameters	Mounting method (vertical or horizontal)	Vertical
	Width (applicable PDU width series)	1U & 1.5U and above
	Protrude the height of the socket surface	22mm
	Shell material	Plastic PC
Working Environment	Operating temperature	-10° to +50° C
	Working humidity	5-95%RH
	altitude	0 – 3000m
User Interface	Display screen	TFT color screen
	Operating key	Top button, bottom button, reset button
	Communication interface	One Ethernet, two RS485 and one USB
	Temperature and humidity interface	1 piece
	Indicator light	Operation, electrical power, communications
Electrical parameter Measurement and Control function	PDU total measurement	There is no
	Each output can be remotely on/off control	There is no
	Users can customize the power-on/power-off sequence and interval for each output	There is no
	The output unit can be controlled in groups	There is no
	You can customize alarm thresholds	Current and voltage can be set
	Cascading function	Yes, RS485

Product Drawing

Dimension (DxWxH) : 56 x 1016 x 44.5 mm
Weight : ± 2.45 kg
Complete set with : 4 set Cagenuts & Screws

Power cable 5G*2.5mm²*3m
with 16A Industrial plug

Top Hanger

70

A

42

L1

20

34

6*IEC C39

20

IPDU meter

153

L2

20 20

34

6*IEC C39

L3

20

34

6*IEC C39

20

26

Bottom Hanger

1013

917

56

1013±3

44,5

User Interface & Parameter

Product Structure Diagram	Serial Number	Project	Parameter	
	①	Liquid crystal display	Display mode	TFT color screen
			Display content	Instrument information
			Display direction	level
			Refresh time	300ms
	②		Running light	
	③		Energy indicator light	
	④		Communication lamp	
	⑤	Page up button	Tap down to turn the page Short press to cancel the beep	
	⑥	Menu key	Set instrument parameter values	
	⑦	Page down button	Tap down to turn the page Short press to cancel the beep	
	⑧	Temperature and humidity	Temperature and humidity sensor detection	
	⑨	Network port	IP ADD: MAC、DHCP、MASK、Gateway	
			SNMP(V1/V2c/V3)	
			HTTPS/HTTP	
			SMTP	
			Network user	
	③④	RS485port	Cascading configuration, modbus, baud rate	
	⑩⑪	RS485	RS485 cascading input and output	
	⑫	USB	Software upgrade and log export	
	⑬	Reset key	Hold down for more than 10 seconds to reset device parameters	
	⑭	Fault indication	From top to bottom: Network hardware failure; Cascade. Green normal, red fault.	