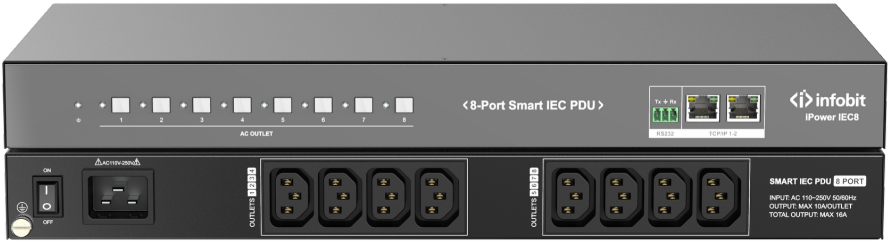
iPower IEC8

8 Ports Smart Power Delivery Unit

Datasheet V1.0



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1. PRODUCT INTRODUCTION

The **iPower IEC8** is designed for power control and metering data. It supports up to AC 110V~250V 16A power input and up to 10A power output per port. Here are various control methods to control the device. The PDU also supports metering data via TCP/IP, which provide multiple network protocols and IoT protocols. In addition, there are several protection mechanisms to protect the safety of device and user.

1.1 FEATURES

- Supports system-level and outlet-level metering.
- Supports voltage, current and power consumption metering.
- 2x TCP/IP network ports to provide continuous network services.
- Overload protection, wiring error protection, remote login verification.
- Supports multiple network protocols and IoT protocols.
- Controllable via buttons, RS-232 and Web-GUI.

1.2 PACKAGE LIST

1x iPower IEC8

1x RS-232 Cable

1x Power Cable (AU/ EU/ UK/ US)

2x Mounting Ears and 6x Screws

4x Rubber Feet

1x User Manual

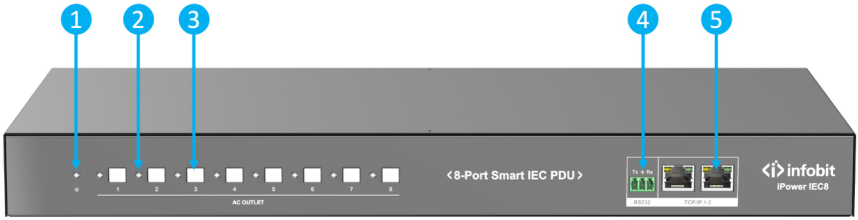
Note: *Please contact your distributor immediately if any damage or defect in the components is found.*

2. SPECIFICATION

Input	
Voltage	AC 110-250V
Frequency	50/ 60Hz
Current	Max. 16A
Connector	1x IEC C20
Output	
Voltage	AC 110-250V
Frequency	50/ 60Hz
Current	Max. 10A for outlet Max. 16A in total
Connector	8x IEC C13
Control	
Mode	Button: 8x white buttons TCP/IP: 2x RJ45 RS-232: 1x 3-pin phoenix terminal
General	
Voltage Range	110-250V
Current Range	0-16A
Frequency Range	45-65Hz
Power Factor	0-1
Operation Temperature	-5℃ ~ +55℃
Storage Temperature	-20℃ ~ +70℃
Relative Humility	0% ~ 80%
Standby Power Consumption	1.5W
Dimension (W*H*D)	436.4mm x 44mm x 225mm
Net Weight	2.8kg

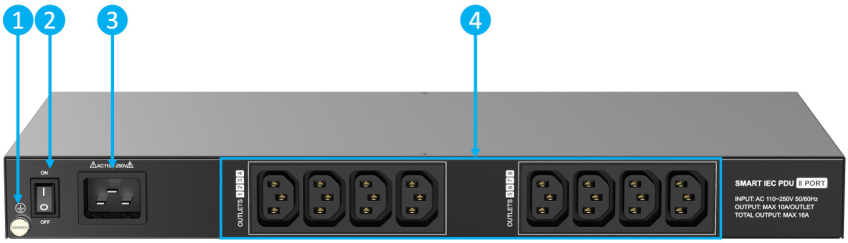
3. PANEL DESCRIPTION

3.1 FRONT PANEL



No.	Name	Description
①	POWER INDICATOR	1x green/ red LED, power input indicator. ● LED off: without power input. ● Green on: power input. ● Red on: standby.
②	OUTPUT INDICATOR	8x blue/ red LEDs, power output indicator. ● LED off: Stop power output. ● Blue on: Power output. ● Blue flash: Delayed state before power output. ● Red on: Abnormal conditions, such as overload, overvoltage, etc. ● Red flash: Detecting the load current. If load current is detected, the light will be blue. If no load current is detected, the light will flash red for 10 seconds then turns blue.
③	OUTPUT BUTTON	8x white buttons, control power output. Press once for power output, press again stop power output.
④	RS232	1x 3-pin green phoenix socket, for RS-232 control.
⑤	TCP/IP	2x RJ45, for network service and Web-GUI. ● Green and yellow on: Link status ● Green and yellow flash: Data transfer ● Green and yellow off: Disconnect

3.2 REAR PANEL



No.	Name	Description
①	GND	1x screw ground terminal.
②	POWER SWITCH	1x rocker switch, control power system on/off.
③	INLET	1x IEC C20, for power input. AC 110-250V 16A.
④	OUTLET	8x IEC C13, for power output. Up to 10A per port.

4. PANEL DRAWING