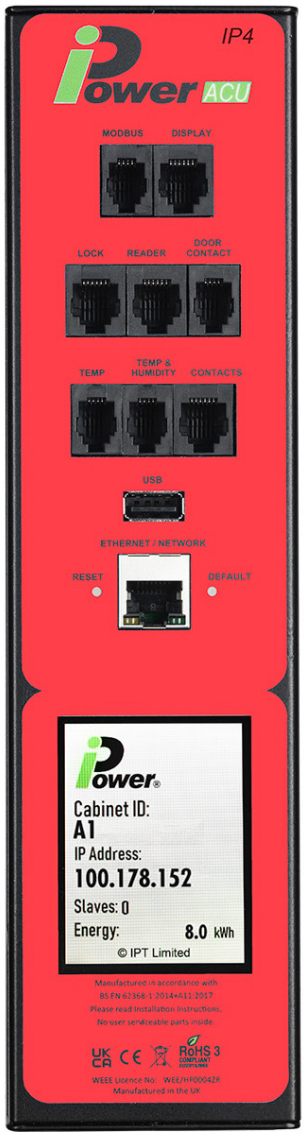
Datasheet

Advanced Intelligent Power Solutions
Setting new standards in data centre management

IP4 – Overall And Per Socket Energy Monitoring and Sequential Socket Switching Power Distribution Unit



iPower® IP4 is a 3rd Generation energy monitor providing local and remote overall / Strip level energy monitoring with better than 1% Accuracy, with Individual Socket Monitoring and Individual Remote Socket Switching with user configurable sequential / programmable startup, Manufactured as a single, dual, or Three phase unit capable of loads up to 125Amps it can be built as a multi socket Power Strip with up to 48 outlets incorporating any type of Socket and Mains Lead termination. **iPower® IP4** Also has environmental ports for the connection of Temperature and Humidity Sensors, Security Ports for Access Control, Volt Free Conects, and a USB Port plus units can be daisy chained so up to 32 devices can be monitored through a single IP Address. All units have a fitted display and can be remotely monitored through the network port via the internal web browser or over SNMP and Telnet, plus others.

Overall Energy Measurements with an accuracy of better than 1% include:

- **RMS Volts**
- **RMS Amps**
- **Kilowatts**
- **Frequency**
- **Power Factor**
- **Internal PDU Temperature**
- **Peak Volts**
- **Peak Amps**
- **kVA**
- **kWh**

Per Socket Measurements include:

- **Amps**
- **VA**
- **kWh**

iPower® IP4 is part of the **iPower®** family, and can be Monitored via the HTML Interface, or our Free of Charge PDU Agent Software, or integrated into third party software using our MiB File.

iPower® IP4 Provides a thorough analysis of real time power usage across all connected devices.

iPower® IP4 has an easy-to-use HTML interface with the ability to set SNMP and Email alerts for all critical parameters. **iPower® IP4** can be Daisy Chained up to 32 PDUs from a single IP Address.

iPower® IP4 Is configurable to suit individual requirements. It can be built as a multi socket PDU with up to 48 Individually Monitored Sockets.

iPower® IP4 Will work in conjunction with other **iPower®** products, to create a fully flexible monitoring system allowing products with different functionality to work together.

iPower® IP4 supports a range of external Accessories that further enhance its capabilities, making it a powerful device for overall power, environmental monitoring and Access Control Functionality, (See Features)

Continued overleaf

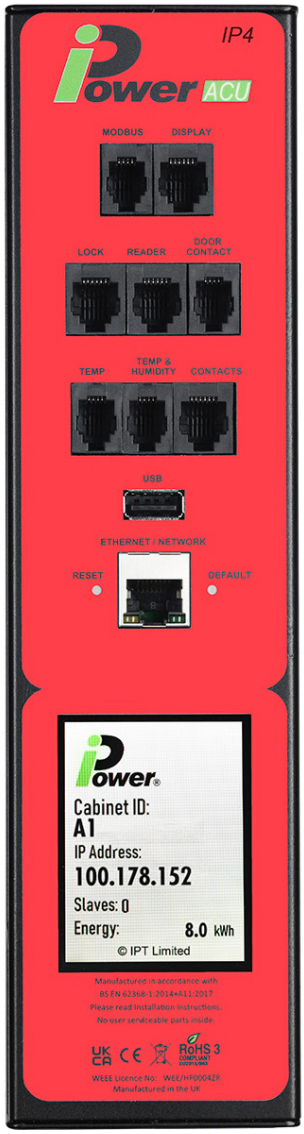
To EN62368-1:2020 Intertek – 10553241

RoHS 3 COMPLIANT EU 2015/863

Manufactured in the UK

Datasheet

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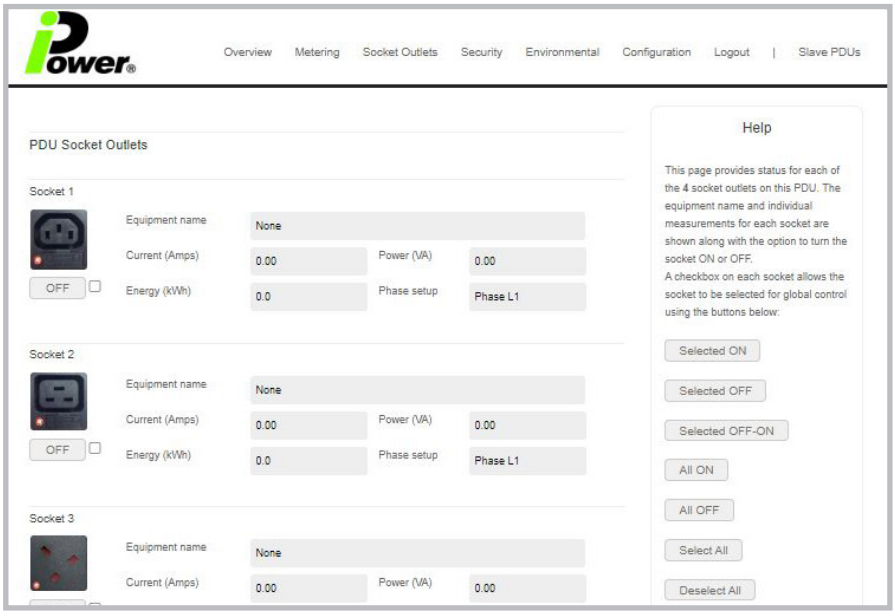


Features

- Single, Dual or Three Phase Monitoring
- Overall Energy Measurement up to 125A
- Accuracy of better than 1%
- Individual Socket Monitoring (Amps, kWh, VA)
- Individual Remote Socket Switching (Sequential / Programmable Startup).
- Set Alerts for all critical metrics
- Send Alerts via Email or SNMP Traps
- Easily configured and setup in minutes
- Simple migration to full DCiM using MiB File.
- Ethernet Port, Full 10/100Base-T Network Compatibility (HTTP, HTTPs, HTML, SNMPv2, SNMPv3, NTP, Telnet, Syslog, CGI, SMTP)
- Local Display (TFT 'Touch Screen Display or RGB LCD with Backlight)
- Environmental Ports for Temp and Humidity Sensors
- Access Control Ports for Electronic Door Handles / Pinpads / Card Readers and Door Contacts
- Volt Free Contacts (3 sets of Volt Free Contacts for Connection of Accessories)
- USB Port (for Web Camera, Auto Config, and 5VDC PSU)
- Modbus Ports for Daisy Chaining up to 32 PDUs from a sinlge IP Address
- Remote Display Port to connect an additional display for hard to access PDUs

On screen guide makes installation simple

Each of the inbuilt HTML pages contain instructions to guide you through the setup process and explains how to set traps and alerts for critical parameters.



PDU Agent™ Management Software

Consolidate all your readings with PDUAgent.

Entry level management platform with easy to use dashboard layout lets you log measurements and events from multiple **iPower®** products for historical evaluation and to collate and produce accurate usage reports.

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