

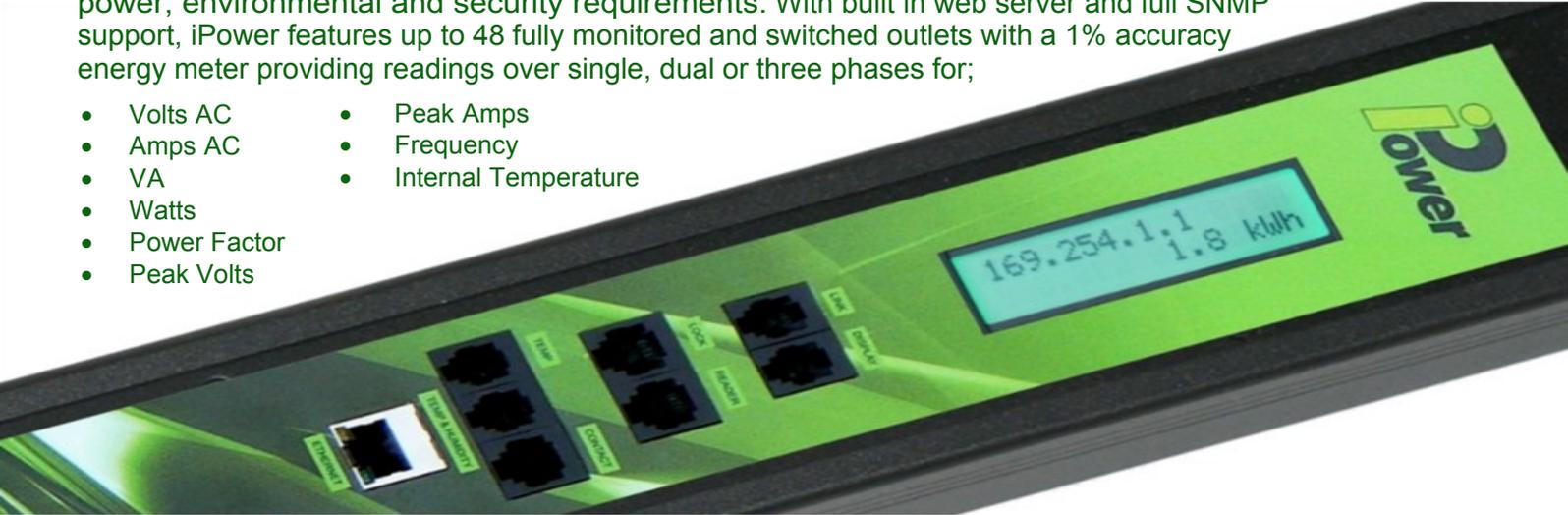


# Advanced Intelligent Power Distribution from NSSE

Setting new standards in data centre management

**iPower** is a powerful 2nd generation intelligent management and control PDU for all power, environmental and security requirements. With built in web server and full SNMP support, iPower features up to 48 fully monitored and switched outlets with a 1% accuracy energy meter providing readings over single, dual or three phases for;

- Volts AC
- Amps AC
- VA
- Watts
- Power Factor
- Peak Volts
- Peak Amps
- Frequency
- Internal Temperature



**iPower** is a new generation of intelligent PDU with the addition of powerful analytical tools that puts you in control of your power and environmental measurement.

It has an easy-to-use HTML interface with the ability to set SMS alarms for all critical parameters. Outlets can be Individually managed or sequentially re-booted on power up, to minimise current surge.

It lets you integrate rack security into your dashboard with intelligent access control for front and rear doors and alarms for unauthorised entry. iPower can be configured as a Primary device, with the capability to control an additional 31 Secondary PDU's, giving a total of 1536 ports controlled from a single IP address.

**iPower** incorporates the following features:

- Flexible build configuration with choice of UK/European/EIC outlets
- Up to 48 outlets with per port current monitoring and/or switching on all or selective outlets (minimum of 4)
- Automatic searching [Phase configuration on socket module].
- Universal input voltage range 85-264VAC on-board SMPS
- Single, dual phase or three phase metering at up to 63A per phase.
- Ethernet port [IEEE 802.3 with full 10/100Base-T network compatibility].
- SD card slot for network down storage of measurements.
- High-speed MODBUS RS485 for daisy-chaining up to 31 secondary PDU's.
- Fixed or remote mountable 16x2 LCD display with RGB backlight.

**iPower** supports a range of external devices and sensors to further enhance its capabilities, making it a complete power, environmental and security monitoring station.

- Single humidity/temperature sensor
- A bus of up to 8 temperature only sensors
- Three voltage free contacts
- Wiegand compatible reader port for cabinet door lock

## PDU Agent™ Management Software

Consolidate all your readings together with PDU Agent. Entry level management platform with easy to use dashboard layout lets you log measurements and events from up to 1000 iPower PDU's for historical evaluation and to collate and produce accurate billing information.



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Designed and manufactured in the United Kingdom