

# Power Distribution

## iPower

### POWER DISTRIBUTION UNITS

With today's intensive drive to reduce both power consumption and costs, iPower gives you the control to utilise power more efficiently by providing all the necessary information to monitor, manage and implement effective change.

iPower's reporting functions allow the comprehensive information to be monitored and managed both locally and remotely using SNMP, HTTP and RS485 Modbus applications.

Standard iPower models are available or iPower can be constructed to the client's specific socket, current loading, phasing and environmental monitoring requirements. iPower delivers the complete solution.



iPower 16 x C13 & PowerMeter

#### THE IPOWERRANGE

**iP1:** Overall Power monitoring

**iP2:** Overall and per socket power monitoring

**iP3:** Overall and per socket power monitoring and per socket switching

**iP4:** Overall Power monitoring and per socket switching

**iP5:** Legacy interface units

#### What is iPower?

iPower is a range of monitoring and switchable power distribution units with the following features:

- All IEC sockets individually fused
- Mixed socket outlets (IEC / UK / International)
- Up to 32 sockets per unit
- Billing capabilities
- 5-year warranty
- FCompatible with SNMP and RS485 (Modbus)
- Standalone or network configurations
- Enterprise software connectivity

#### Standard iPower Build

- Built to meet specific requirements
- Fully compliant with current standards and approvals
- Measurement capabilities include Amps, Volts, kWh, Power Factor
- Option for environmental modules including temperature sensors, humidity sensors, volt-free contacts, security solutions, etc.
- Digital Display

#### Management Protocols

iPower is available with either SNMP, HTTP or Modbus interface:

- SNMP via individual IP addresses or up to 32 units on a single IP address. Management information from each iPower unit is shown via a web browser or through a SNMP network management system.
- Modbus iPower units can communicate with most modern management platforms or with iPower's own data logging and management software.

#### Security Access

Historical and logging information is available and managed according to the protocol being used.

#### Build Configuration

A range of iPower units are available from stock with specials built to meet clients' specific requirements. iPower units are available with any combination of UK, IEC or Schuko sockets with overall current ratings from 10 through to 63 amps. Units can be supplied wired for both single and 3-phase operation

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### Standard iPower Build

Standard units comprise of individually fused IEC C13 and/or C19 sockets with a 3-metre lead of 2.5mm or 4.0mm HO7 cable (depending on load) terminated into the appropriate commando style plug.

All units have integral digital read-outs. **Horizontal Units**

- 8 x IEC C13 sockets
- 8 x IEC C19 sockets

### Vertical Units

- 12 x IEC C13 & 4 x IEC C19 sockets
- 20 x IEC C13 & 4 x IEC C19 sockets x IEC C13 sockets

### Management Functions

All iPower units have a comprehensive multi-function array of readings monitored and logged remotely and locally on the in built digital display.

### Management Configurations

The range of iPower products are available in the following:

- iP1** Overall power monitoring (kWh/Amps/Volts)
- iP2** Overall and per socket power monitoring
- iP3** Overall and per socket power monitoring and per socket switching
- iP4** Overall power monitoring and per socket switching
- iP5** Legacy Interface Units

As an option, an environmental module can be added onto any variant to provide:

- 8 x Temperature Sensors
- Humidity Sensor
- 3 x volt-free contacts
- Security interface (door contacts/door locks/swipe cards)
- A full range of accessories supporting the above are available

iPower supplements its active units with a comprehensive range of passive power products designed and built in the UK to support Data and Facility Centre Managers with an end-to-end solution.

### Standards & Warranty

iPower units are constructed to SI1994/3260 using materials compliant to BS5735. All units are fully CE approved and support EN60950-1.

All products are covered by a 5-year return to base warranty (see general terms and conditions).

### Lead Times

Standard build configurations are normally held in stock. Special builds are manufactured within 10 working days.

