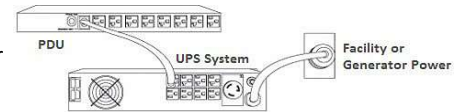


Battle Card: Rack Power Distribution Units (PDUs)

What is a Rack PDU? A Power Distribution Unit (PDU) is essentially a rack-mountable power strip that is specifically designed to distribute electrical power to equipment within a rack.



Model Coverage

[PDU Model Comparison Table >](#)

- **Basic**
- **Metered** (MD 1 Phase / MK 3 Phase): Local meter only - no remote monitoring.
- **Circuit Monitoring** (W): Local meter & remote circuit monitoring. No Switching ON/OFF. Popular with government and customers needing remote monitoring.
- **Circuit + Outlet Monitoring** (Wi): Local meter with outlet level remote monitoring. No Switching ON/OFF.
- **Circuit Monitoring + Outlet Switching** (WS): Allows ON/OFF outlets, remote alerting. Great for remote management of PDUs. Very Popular. Lights out locations.
- **Circuit & Outlet Level Monitoring + Outlet Switching** (WSi): Allows on/off outlets, remote alerting. Outlet level monitoring. Best of the best. Outlet level for bill back, finding stranded servers.
- **Automatic Transfer Switches** (ATS): Gives any single power device power redundancy. Local metering.

Key Highlights

- **Single Phase:** 110V / 208V / 230V
- **Three Phase:** 208V / 400V
- **Amperage Choices:** 20A, 30A, 50A, 60A
Plus, customizable models on request
- **Outlet:** US NEMA 5-20R / C13 / C19 / Lockable IEC / Fused IEC
- **Circuit protection:** Hydraulic MCB or Resettable Fuse. (Most quoted with MCB)

Intelligent PDUs:

- **Hot-Swappable Meter:** Power strip does not go down while field replacing.
- **2.8" Color Touch LCD Meter:** Largest display screen at top of PDU
- **Sensor Ports x 2:** Temperature, Humidity, Smoke, & Door Sensors optional
- **Connectivity:** 32 Daisy Chained PDUs supported on 1 IP Dongle. Dual LAN for redundancy
- **8 Color Choices:** Black, White, Red, Blue, Green, Orange, Yellow, Purple
- **Free Management Software:** IPM-04 with reporting, web-based GUI. For enterprise software management, Dual LAN PDU IP Dongle supports DCIM integration via SNMP V2 / V3 or REST API.

Outlets



Inlets

Inlet (1-PH 230V)	Amp
60309	32A
Open end	20A
60309	16A
C20	16A
C14	10A

Inlet (3-PH 400V)	Amp
60309	63A
60309	32A
60309	16A

PDU Accessories

Sensors: InfraPower PDU offers the most popular sensor selection:

- Temperature & Humidity Sensor / Temperature Sensor
- Door Sensor
- Smoke Sensor

Lockable IEC Outlets & Lockable IEC Color Power Cords [Data Sheet >](#)

Door Panel Mounted PDU Panel [Data Sheet >](#)



PDU Questions: What to Ask

What Feature do you need?

- Metered (MD 1 Phase / MK 3 Phase)
- Circuit Monitoring (W)
- Circuit + Outlet Monitoring (Wi)
- Circuit Monitoring + Outlet Switching (WS)
- Circuit & Outlet Monitoring + Switching (WSi)

Where will you install it?

- Vertical (Zero U) or Horizontal Mounting: 1U/2U

What Voltage?

- Single Phase 110V / 208V / 230V
- 3 Phase 208V / 400V

What Amperage?

- Single Phase 230V: 10A / 13A / 16A / 20A / 32A
208V: 20A / 30A ; 110V : 15A / 20A / 30A
- Three Phase 400V: 16A / 32A / 63A
208V : 20A / 30A / 50A / 60A

What kind of input power plug?

- This is what the PDU will plug into.
- Overhead or underfloor Whip or into a UPS

How many outlets & what type?

- Outlet Type (see page 1)
- Quantity of each outlet?

Will you need to monitor temp and humidity?

- Each Intelligent PDU has 2 x Sensor ports.
- Sensors sold separately.



* cUL & TUV available for selective configurations

Benefits To End User

Flexible PDU Configuration in Short Lead Time

Austin Hughes designs highly reliable intelligent PDUs in efficient production, assembly and inventory with adherence to ISO 14001 standards, TAA compliant, TUV, uL compliant. + Quick Ship PDU programme!

Every InfraPower PDU unit is 100% tested before shipment. All these efforts allow us to deliver quality PDUs to customers in the shortest lead time.

Billing-grade Meter Accuracy Within +/- 1%

InfraPower Intelligent PDU provides real-time local & remote power monitoring of current (amps), voltage, power (kVA, kW), power factor and energy consumption (kWh) with +/- 1% billing-grade accuracy.

Connectivity: Dual Lan IP Dongle (IPD-03-S)

[IP Dongle](#) is required with all intelligent W Series PDUs.

The new Dual Lan IP Dongle (US & worldwide patented) provides the following advanced features:

- Allows up to 32 PDUs / daisy chain levels using a single IP address
- Supports 10/100 & gigabit LAN ethernet
- Dual LAN network failover
- Simultaneous access to IPM-04 management software & Web based GUI for SNMP v2/v3 integration



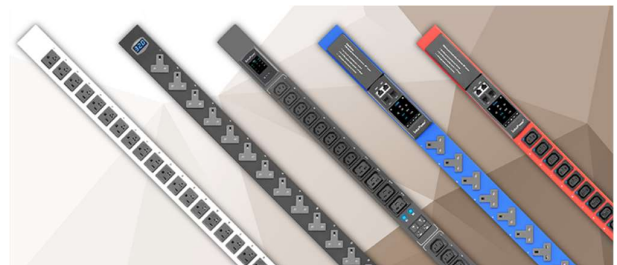
Free Management Software

InfraPower offers the following software with free of charge:

- IPM-04 management software w/ reporting
- Web-based GUI PPS-02-S
- SNMP V2 / V3 or REST API for integration to 3rd party DCIM

InfraPower Resources

- [Brochures](#)
- [Manuals](#)
- [PDU Selector Tool](#) (Inc. Drawings)
- [PDU Video](#)



Need Assistance?

Contact the Austin Hughes team via sales@austin-hughes.co.uk or call +44 (0)2380 529303