

Dual Feed Intelligent PDU

Single Phase - 230V / 208V / 110V

- >> Two PDUs by One Meter & Chassis
- >> 2.8" Color LCD Meter w/ Touchscreen
- >> Facilitate Rack Cabling
- >> Simplify Dual PDU Setup
- >> Save Your Rack Space
- >> Reduce IP Address Cost
- >> Increase Management Efficiency

W PDU - Circuit Monitoring

Wi PDU - Outlet & Circuit Monitoring

WS PDU - Outlet Switching + Circuit Monitoring

WSi PDU - Outlet Switching + Outlet & Circuit Monitoring

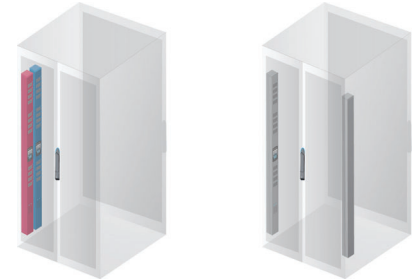


Why Dual Feed PDU ?

>>> 1 Chassis 2 PDUs

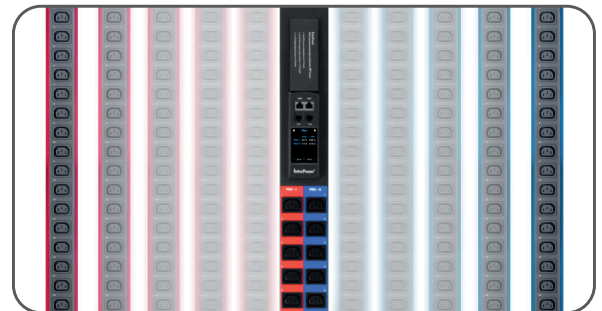
Traditionally, data center racks are equipped with two PDUs positioned in the rear left and right side respectively.

InfraPower W series Dual Feed PDU is designed to house two PDUs in a single chassis which only requires one side installation. Hence, this facilitates PDU setup and saves spacing. Users also benefit from the Red + Blue colored layout to distinguish the primary & secondary PDUs.



>>> 1 Meter 2 PDUs

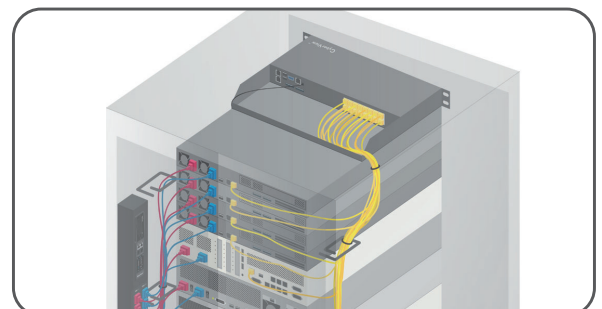
Creatively, Austin Hughes develops **1 Meter 2 PDUs** solution - InfraPower W series Dual Feed PDU. The sophisticated LCD touchscreen meter is integrated in a single chassis but for both primary and secondary PDUs. The meter not only allows local monitoring for 2 PDUs, but also supports up to 16 cascade levels. By the patent IP dongle, only one IP is required to access up to 32 PDUs in a single cascade group.



>>> Facilitate Cable Management

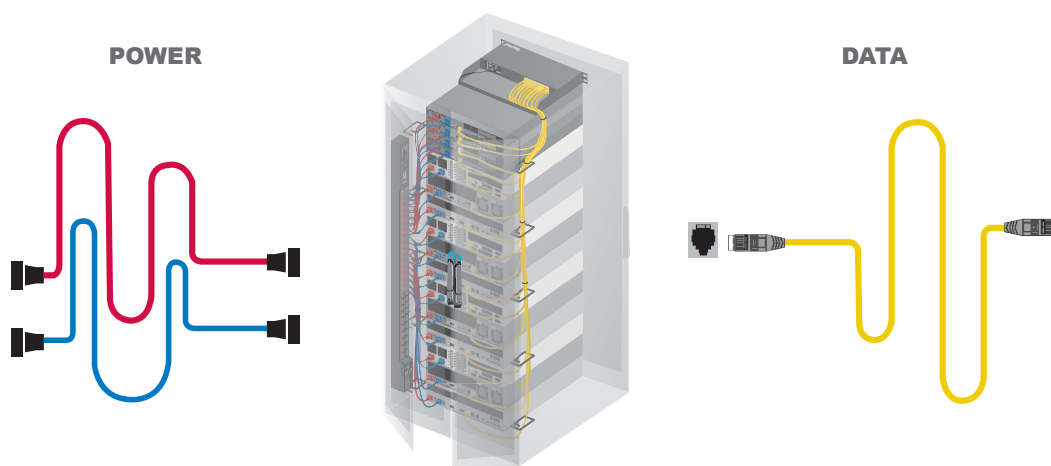
It becomes one of the cable management standard to separate power and data cables inside a rack. On the one hand, it minimizes the erratic data transfer as well as EMI. On the other hand, it distinguishes the power & data cabling.

By InfraPower Dual Feed PDU, power & data cable separation is easily achieved. In addition, space-saving design and Red + Blue distinguishable layout contribute to a well-organized rack cabling.



One Side Orientation for Power Cabling

Power and data cables should be kept apart in order to avoid interference. It is a typical practice to isolate power cabling to one side of the rack, whether it is for primary or secondary power connection. InfraPower Dual Feed PDU series offers an efficient, convenient & space saving solution - Primary & Secondary PDUs are integrated to one unit with dual power feed.



Model Coverage

1-Phase Intelligent Dual Feed PDU Series	Monitored		Switched	
	W	Wi	WS	WSi
Outlet Level Measurement Over IP		✓		✓
Outlet Switch ON / OFF			✓	✓
Circuit Amp - kWh Measurement	✓	✓	✓	✓
Hot-Swappable Meter	✓	✓	✓	✓
Billing Grade Meter Accuracy Within +/- 1%	✓	✓	✓	✓
2.8" Color Touch LCD	✓	✓	✓	✓
32 / 16 Daisy Chained PDUs Supported on 1 IP	✓	✓	✓	✓
Free Management Software	✓	✓	✓	✓
SNMP Capability v2 / v3	✓	✓	✓	✓
Temp., Humidity, Smoke & Door Sensors	✓	✓	✓	✓
RCM (Residual Current Monitoring Module)	✓	✓	✓	✓
Door Mount PDU Panel w/ 4.3" Color LCD	✓	✓	✓	✓
Wifi Kit (Supports Max. 32 Daisy Chained PDUs)	✓	✓	✓	✓
Local Meter	✓	✓	✓	✓
Resettable Fuse / Hydraulic MCB	✓	✓	✓	✓
ELCR / Surge Protector / EMI Filter	✓	✓	✓	✓
Tool-less Mounting	✓	✓	✓	✓
0U Form Factors	✓	✓	✓	✓
Operating Temperature -5 to 60°C	✓	✓	✓	✓
Voltage 230V / 208V / 110V	✓	✓	✓	✓
Outlet Types : US NEMA / C13 / C19	✓	✓	✓	✓
Lockable IEC	✓	✓	✓	✓
Fused IEC	✓	✓	✓	✓

* Customization available on request

IP Dongle

IPD-02-S



Patented Design

- Hot pluggable
- Allows IP remote access
- Up to 16 PDUs in daisy chain
- SNMP capability v2 / v3

Dual Lan IP Dongle

IPD-02-S

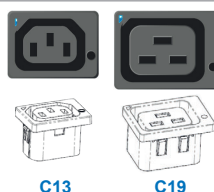
Patented Design



- Allows IP remote access
- Up to 32 PDUs in daisy chain
- SNMP capability v2 / v3
- Supports 10/100 & gigabit LAN ethernet

Details

Lockable IEC Outlet



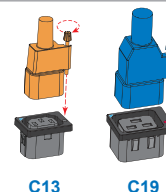
C13

C19

- Low cost
- Easy to lock
- Secure

Details

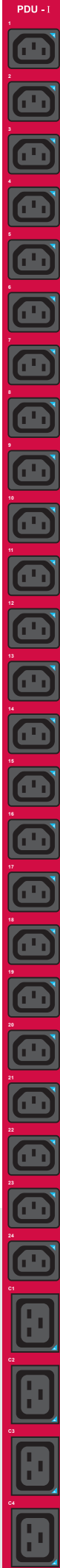
Lockable IEC Cable



C13

C19

- Connect to InfraPower lockable IEC outlets
 - Black / Grey / Red / Blue / Orange / Green
- C14 - C13: 0.5M / 1M / 2M
C20 - C19: 0.5M / 1M





W Meter - Advanced & Sophisticated

W series PDUs are supplied with a W meter that allows local metering, the ports for PDU daisy chain as well as external sensor / peripheral connection.

- PDUs can be cascaded in a single daisy chain.
- Simply connect 1 x IP Dongle to access up to 32 / 16 PDUs to save IP address.
- Built-in buzzer will sound when circuit or bank Amp over alarm setting.
- Field replaceable design allows meter replacement without PDU power interruption.



- **Cascade port**
 - Up to 32 / 16 PDU Levels
- **Sensor port x 2**
 - Temp. Sensor
 - Temp. + Humid. Sensor
 - External PDU display
- **2.8" color LCD**
 - Featured w/ Touchscreen

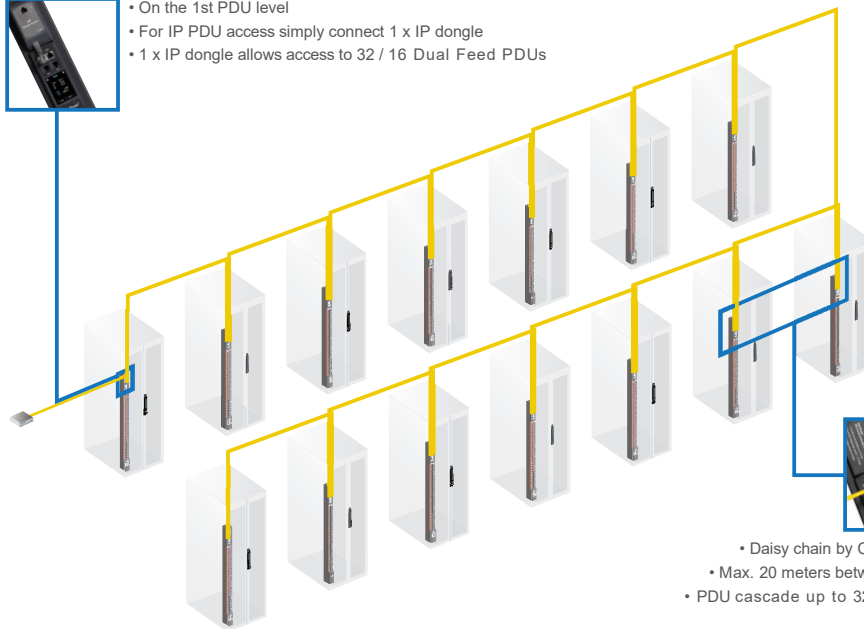
Ultra Density PDU Management

W Series Dual Feed PDU combines highly efficient hardware connection with software remote management for Ultra High Density PDU Remote Management.

IP Dongle - Save the IP Address Cost



- On the 1st PDU level
- For IP PDU access simply connect 1 x IP dongle
- 1 x IP dongle allows access to 32 / 16 Dual Feed PDUs



- Daisy chain by Cat5 / 6 cable
- Max. 20 meters between 2 PDUs
- PDU cascade up to 32 / 16 levels



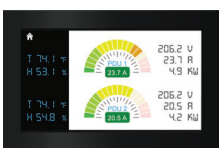
PDU Management Software

- Free & powerful PDU software - IPM-04
- Max. 50 IP groups
- Max. 1600 / 800 PDUs
- Max. 5 concurrent users

3rd Party DCIM (via SNMP)

- DCIM is achievable via IP dongle and daisy chain

Door Mount PDU Panel



- 4.3" color LCD touchscreen
- Connect two PDU meters to display power, sensor status
- Enhance information display
- Plug & play

Details

Temp. & Humid. Sensor

IG-TH-01-2M

Temp. & Humid.



IG-T-01-2M

Temp. only



- Plug & Play
- With 2M or 4M cord
- Magnetic base for easy affixing
- Pair of sensors can be connected to an intelligent PDU meter