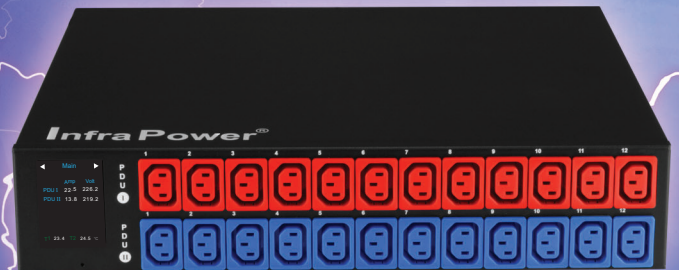


Dual Feed Intelligent PDU

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
- >> 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

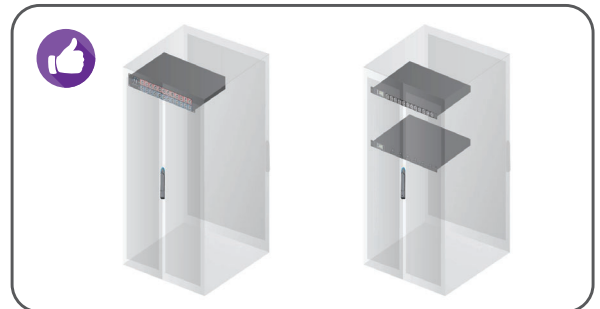


Why Dual Feed PDU ?

>>> 1 Chassis 2 PDUs

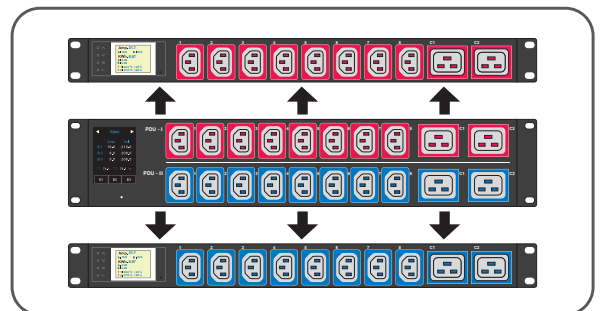
Some data center racks are equipped with two PDUs.

InfraPower W series Dual Feed PDU is designed to house two PDUs in a single chassis for simple installation. Users also benefit from the Red + Blue colored layout to distinguish the primary & secondary PDUs.



>>> 1 Meter 2 PDUs

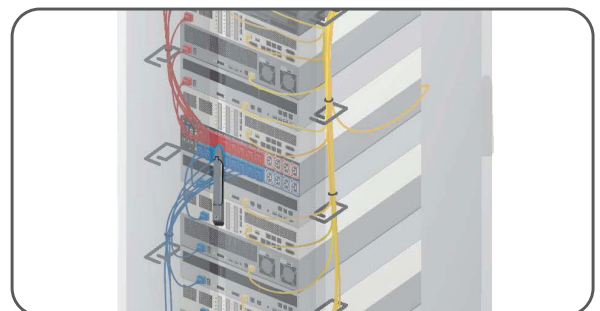
Creatively, Austin Hughes develops **1 Meter 2 PDUs** solution - InfraPower W series Dual Feed PDU. The sophisticated LCD touchscreen meter is integrated in a single chassis but for both primary and secondary PDUs. The meter not only allows local monitoring for 2 PDUs, but also supports up to 16 cascade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

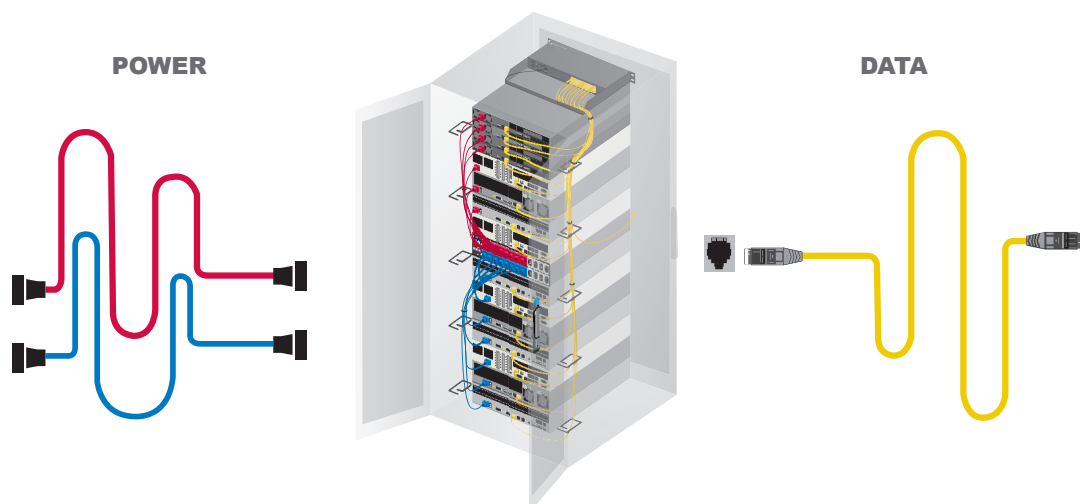
It becomes one of the cable management standard to separate power and data cables inside a rack. On the one hand, it minimizes the erratic data transfer as well as EMI. On the other hand, it distinguishes the power & data cabling.

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	✓	✓	✓	✓
Billing Grade Meter Accuracy Within +/- 1%	✓	✓	✓	✓
2.0" Color LCD / 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	✓	✓	✓	✓
1U / 2U Form Factors	✓	✓	✓	✓
Operating Temperature -5 to 60°C	✓	✓	✓	✓
Voltage 230V / 208V / 110V	✓	✓	✓	✓
Outlet Types : US NEMA / C13 / C19	✓	✓	✓	✓
IEC Lockable	✓	✓	✓	✓
IEC Individually Fused	✓	✓	✓	✓

* 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



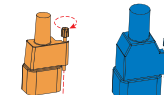
C13

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

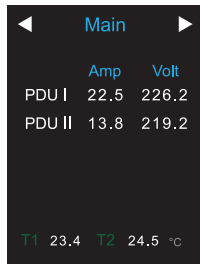
Sophisticated W Meter with 2.8" Touchscreen LCD

The 2.8" color LCD with touchscreen provides a sharp and highly visible display of kWh, kW, Power Factor, Volt, Amp, Temperature and Humidity.

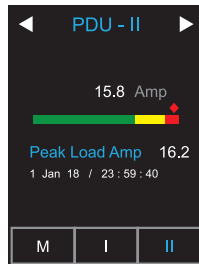
Apart from monitoring, user can also set up the PDU daisy chain levels via the touchscreen LCD.



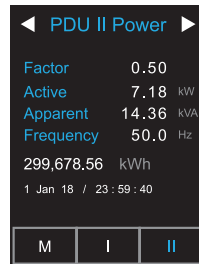
Amp & Volt : PDU I + II



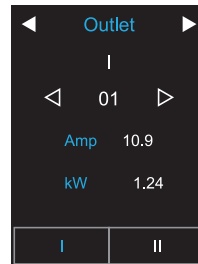
Amp : PDU I / II



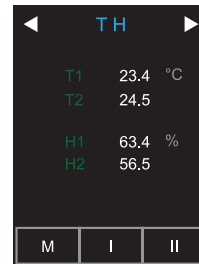
Power & kWh



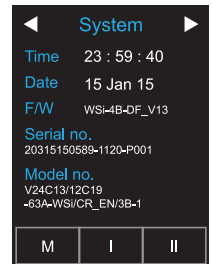
Outlet Measure



Temp. & Humid.



Setup

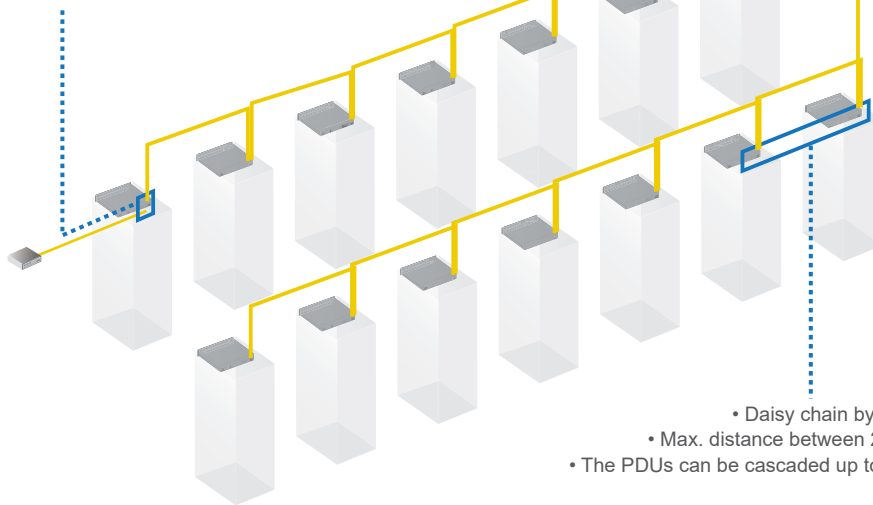


Ultra Density PDU Management

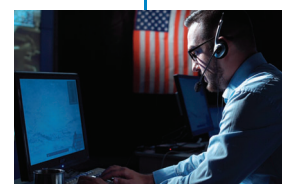
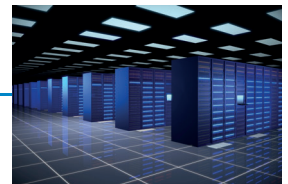
W Series Dual Feed PDU combines highly efficient hardware connection with software remote management for Ultra High Density PDU Remote Management.

IP Dongle on the first PDU Level

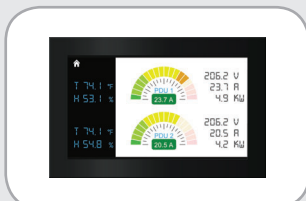
- For IP PDU access simply connect 1 x IP dongle
- 1 x IP dongle allows access to 32 / 16 x PDU
- Only 1 x IP for 32 / 16 x PDU access



- Daisy chain by Cat5 / 6 cable
- Max. distance between 2 PDUs is 20M
- The PDUs can be cascaded up to 32 / 16 levels



Door Mount PDU Panel



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

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

Smoke Sensor

IP-S01-1M / 3M



- With 1M or 3M cord
- When smoke alarm triggers, sensor red LED lights on with beep sound continuously

Door Sensor

IP-DSW-2M/4M



- With 2M or 4M cord
- Cost efficient integration into rack

Details

1-Phase Intelligent Dual Feed PDU Series

W PDU

Circuit Monitoring

Outlet nos			208V - 20A / 30A 230V - 16A / 20A / 32A
C13	C19		
8	2	x 2	DH16C13 / 4C19-W
12		x 2	DH24C13-W
10		x 2	DH20C13-W
8		x 2	DH16C13-W
NEMA			110V - 15A / 20A / 30A
12		x 2	DH24US-W
10		x 2	DH20US-W
8		x 2	DH16US-W

Wi PDU

Outlet & Circuit Monitoring

Outlet nos			208V - 20A / 30A 230V - 16A / 20A / 32A
C13	C19		
8	2	x 2	DH16C13 / 4C19-Wi
12		x 2	DH24C13-Wi
10		x 2	DH20C13-Wi
8		x 2	DH16C13-Wi
NEMA			110V - 15A / 20A / 30A
12		x 2	DH24US-Wi
10		x 2	DH20US-Wi
8		x 2	DH16US-Wi

Available for : - Custom PDU

- Colored IEC Outlet

- Lockable or Individually Fused IEC Outlet PDU

* Configuration & dimension may be modified without prior notice

WS PDU

Outlet Switching + Circuit Monitoring






Outlet nos			208V - 20A / 30A 230V - 16A / 20A / 32A
C13	C19		
8	2	x 2	DH16C13 / 4C19-WS
12		x 2	DH24C13-WS
10		x 2	DH20C13-WS
8		x 2	DH16C13-WS
NEMA			110V - 15A / 20A / 30A
12		x 2	DH24US-WS
10		x 2	DH20US-WS
8		x 2	DH16US-WS



WSi PDU

Outlet Switching + Outlet & Circuit Monitoring



Outlet nos			208V - 20A / 30A 230V - 16A / 20A / 32A
C13	C19		
8	2	x 2	DH16C13 / 4C19-WSi
12		x 2	DH24C13-WSi
10		x 2	DH20C13-WSi
8		x 2	DH16C13-WSi
NEMA			110V - 15A / 20A / 30A
12		x 2	DH24US-WSi
10		x 2	DH20US-WSi
8		x 2	DH16US-WSi



230V PDU

Inlet	Amp	Cordset	
		mm ²	length
 60309	32A	4	3 M
 Open end	20A	2.5	3 M
  C20	16A	1.5	3 M
 BS1363	13A	1.5	3 M






Outlet	C13	C19
		


208V PDU

Inlet	Amp	Cordset	
		AWG	length
 L6-30P	30A	10	10 FT
 L6-20P	20A	12	10 FT

Outlet	C13	C19
		

110V PDU

Inlet	Amp	Cordset	
		AWG	length
 L5-30P  5-30P	30A	10	10 FT
 L5-20P  5-20P	20A	12	10 FT
 5-15P	15A	14	10 FT

Outlet	NEMA
	

Austin Hughes has an extensive distribution network, including the Americas, EMEA, ASEAN & APAC.

Contact your nearest sales office for details of local presentation.

Sales Inquiry

inquiry@austin-hughes.com

Technical Support

support@austin-hughes.com

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