

**COMMBRIDGE**

# Power Distribution Solutions

Zero-U and Rack Mount PDU's



# INTELLIGENT RACK POWER DISTRIBUTION

Commbridge PDU's are engineered to be smart, versatile and dependable.

Manufactured using advanced bus soldering system, eliminating internal wiring, thus making our PDU's amongst the most reliable on the market today.

Available in both Rack Mount and Zero-U options from 1 to 48 individual Power outlets.

Most data centres are unique with varying power distribution requirements and our PDU's are designed to cater to your needs. We have models available with pre-selected configurations for off the shelf purchase or due to our modular design we can manufacture PDU's to your exact configuration requirements.



## ADVANCED SOLDERED BUS CONNECTION

The advanced soldered bus connections ensures a perfect connection that you can rely on. Due to this advance manufacturing process this makes our PDU's extremely versatile and Modular. If you do require a custom solution, our modular manufacturing process ensures the best possible lead-time.



## HIGH PERFORMANCE CIRCUIT BREAKER

Magnetic/Hydraulic circuit breaker designed for worldwide data centre compatibility and UL 489 Listed. Ultra low profile for space saving, reducing the overall depth of the PDU's. The circuit breakers features a flush rocker actuator and optional push to reset guard, to protect against accidental switching.

## SINGLE PHASE OR THREE PHASE

Available in both single or three phase with power ranges from 2KW to 24KW. Single phase inputs available in 10A, 16A, 20A & 32A. Three phase inputs available in 16A, 20A & 32A (Three phase options available only on 24 & 48 outlet models). Inlet options include C14/C20 inlet plus 2/3 metre cable with Australian 10A/15A plug. Three phase models come with either IEC Plug or Australian 3 phase plug.

## AUSTRALIAN MADE

Our Commsmart and Commbasic Power Distribution Units are made in Australia to the highest standard and workmanship, and come standard with a 2 year limited warranty.



## OUTLET OPTIONS

A large number of outlet options are available either with our pre-configured units, or as per your requirements.

Available from 1 to 48 outlets (dependant on outlet selection).

Australian GPO's 10A & 15A tested & approved to ASNZ3112.

C13, C19 & C13, C19 Lockable 10A IEC outlets, tested & approved to IEC60320.



## SMART OR BASIC, HORIZONTAL OR VERTICAL

Our PDU's are available in various options to suit your requirement which include : Basic, Metered, Switched, Individually Metered and Switched & Inline. Mounting options include Rack mount 1RU, 2RU and Vertical (Zero-U)





## CONNECTIVITY & CONTROL

Full Network features with embedded microprocessor.

Network and serial ports for monitoring and full control of PDU.

Each PDU becomes a device on the network with an IP address.

Real time PDU motioning is achieved through inbuilt web server and standard web browser.

Monitoring status and controlling power outlets remotely is done with ease.

Each PDU can be configured with an Administration user and 3 additional users with restricted grants.

## OPTIONAL SENSORS

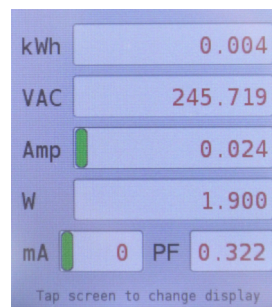
Combined temperature and humidity sensor.

Two digital sensor inputs to capture external alarms.

## 2.4" TFT LCD COLOUR TOUCH SCREEN

Integrated touch screen on all smart PDU's, providing full power information and environmental sensor status.

Power Information including Energy usage (KWH), Power (KW), Current (A), Voltage (V), Frequency (Hz) and Power Factor (PF).



## SNMP

SNMP enabled for obtaining power consumption, device details, outlet and sensor status.

SNMP traps for alarms.

SNMP enable for notifying alarm conditions

## DCIM COMPATIBILITY

Gather all your PDU data including environmental information, power and energy usage.

## LED OUTLET STATUS

Optional LED's indication On/Off status of outlets

## STANDARD OR HIGH DENSITY OUTLET BLOCKS

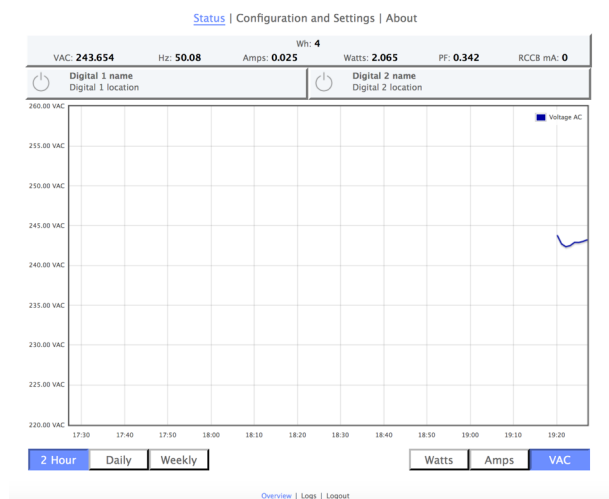
Modular format on all outlet types, standard or high density.

## SEQUENTIAL POWER OUTLET CONTROL

Custom controlled timed reboot for each power outlet provide delays on start-up in case of power failure (available on selected models).

Allowing selected devices to turn on prior to other devices in a selected sequence.

## BUILT IN WEB SERVER FOR FULL NETWORK MONITORING & CONTROL



# COMMSMART POWER DISTRIBUTION UNITS

## Local & Network Monitoring



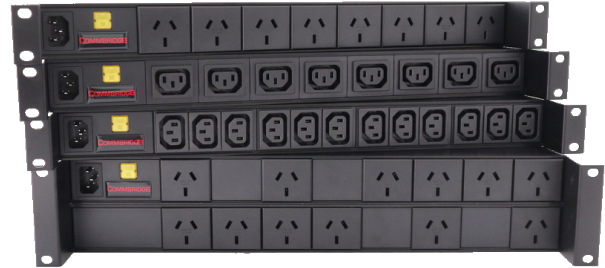
Model Number	Outlets	Inlet	Rating	Circuit Breaker	Rack Units
<b>PSV-18C13-4C19-15A-M</b>	18 x C13 4 x C19	15A Captive 3 Pin Plug	16A	Magnetic/ Hydraulic	Zero-U
<b>PSV-36C13-8C19-32A-M</b>	36 x C13 8 x C19	32A Captive 3 Pin Plug	32A	Magnetic/ Hydraulic	Zero-U
<b>PSV-16AU-15A-M</b>	16 x Australian GPO	15A Captive 3 Pin Plug	16A	Magnetic/ Hydraulic	Zero-U
<b>PSV-24AU-32A-M</b>	24 x Australian GPO	32A Captive 3 Pin Plug	32A	Magnetic/ Hydraulic	Zero-U
<b>PSH-8C13-10A-M</b>	8 x C13	C19 (3m lead AU 3 Pin Plug)	10A	10A / Thermal CB Illuminated	1RU
<b>PSH-8C13-15A-M</b>	8 x C13	C19 (2m Lead C20 Plug)	16A	Magnetic/ Hydraulic	1RU
<b>Features:</b> <ul style="list-style-type: none"> <li>■ 2.4" TFT LCD Touch Screen</li> <li>■ Fully metered and monitored, full local and network monitoring including fault current.</li> <li>■ kW, kWh, Current, Voltage, Power Factor and Frequency</li> <li>■ SNMP, SMTP, NTP, Serial Port</li> <li>■ Zero-U Models feature tool less mounting</li> <li>■ <i>Optional temp/humidity Sensor and Dual Digital input</i></li> </ul>					
Model Number	Outlets	Inlet	Rating	Circuit Breaker	Rack Unit
<b>PSV-20C13-4C19-32A-MS</b>	20 x C13 4 x C19	32A Captive 3 Pin Plug	32A	Magnetic/ Hydraulic	Zero-U
<b>PSV-16AU-15A-MS</b>	16 x Australian GPO	15A Captive 3 Pin Plug	16A	Magnetic/ Hydraulic	Zero-U
<b>PSV-24AU-32A-MS</b>	24 x Australian GPO	32A Captive 3 Pin Plug	32A	Magnetic/ Hydraulic	Zero-U
<b>PSH-8C13-10A-MS</b>	8 x C13	C19 (3m Lead AU 3 Pin Plug)	10A	10A / Thermal CB Illuminated	1RU
<b>PSH-8C13-15A-MS</b>	8 x C13	C19 (2m Lead C20 Plug)	16A	Magnetic/ Hydraulic	1RU
<b>Features:</b> <ul style="list-style-type: none"> <li>■ 2.4" TFT LCD Touch Screen</li> <li>■ Fully metered and monitored, full local and network monitoring including fault current.</li> <li>■ kW, kWh, Current, Voltage, Power Factor and Frequency</li> <li>■ <b>Outlet Switched</b></li> <li>■ SNMP, SMTP, NTP, Serial Port</li> <li>■ Zero-U models feature tool less mounting</li> <li>■ <i>Optional temp/humidity Sensor and Dual Digital input</i></li> </ul>					

## Local Monitoring

Model Number	Outlets	Inlet	Rating	Circuit Breaker	Rack Units
<b>PSH-8C13-10A-LM</b>	8 x C13	C19 (3m Lead AU 3 Pin Plug)	10A	10A / Thermal CB Illuminated	1RU
<b>Features:</b> <ul style="list-style-type: none"> <li>■ 2.4" TFT LCD Touch Screen</li> <li>■ Local monitoring only, no network features.</li> </ul>					

# COMMBASIC POWER DISTRIBUTION UNITS

The basic power distribution units are available in both Rack Mount and Zero-U options. The PDU's feature versatile outlet options including IEC C13, C19 and Australian 10A & 15A. The durable metal housing, soldered connections and network grade sockets ensure reliable power to your network equipment.

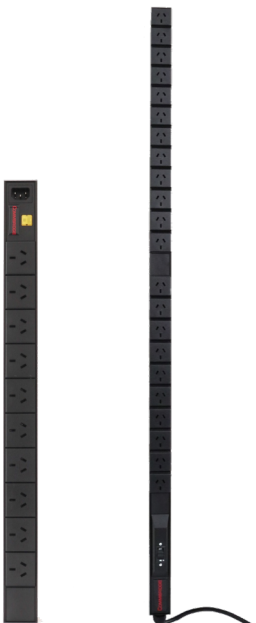


## Horizontal - 1RU & 2RU



Model Number	Dimensions (mm)	Outlets	Inlet	Rating / Circuit Breaker	Rack Units
PBH-6AU-10A	485 x 85 x 45	6 x Australian GPO	C14	10A / Thermal CB Illuminated	1RU
PBH-8AU-10A	486 x 85 x 45	8 x Australian GPO	C14	10A / Thermal CB Illuminated	1RU
PBH-12AU-10A	486 x 85 x 90	12 x Australian GPO	C14	10A / Thermal CB Illuminated	2RU
PBH-8C13-10A	485 x 85 x 45	8 x C13	C14	10A / Thermal CB Illuminated	1RU
PBH-12C13-10A	485 x 85 x 45	12 x C13	C14	10A / Thermal CB Illuminated	1RU

## Vertical - Zero-U



Model Number	Outlets	Inlet	Rating	Circuit Breaker	Rack Units
PBV-10AU-10A	10 x Australian GPO	C14	10A	Thermal, Illuminated	Zero-U
PBV-22AU-15A	22 x Australian GPO	15A Captive 3 Pin Plug	16A	Magnetic/Hydraulic	Zero-U
PBV-10C13-10A	10 x C13	C14	10A	Thermal, Illuminated	Zero-U
PBV-16C13-15A	16 x C13	15A Captive 3 Pin Plug	16A	Magnetic/Hydraulic	Zero-U
PBV-24C13-15A	24 x C13	15A Captive 3 Pin Plug	16A	Magnetic/Hydraulic	Zero-U
PBV-20C13-4C19-15A	20 x C13, 4 x C19	15A Captive 3 Pin Plug	16A	Magnetic/Hydraulic	Zero-U

10A PDU's included 3m lead with Australian plug

Above are stocked common configurations. Due to our modular design we can manufacture PDU's to your exact configuration requirements. If you are after a configuration not listed above contact us for a custom solution.

# COMMBRIDGE

[www.commbridge.com.au](http://www.commbridge.com.au)

Australia Wide  
PH: 1300 760 566

Email: [info@cablingdirect.com.au](mailto:info@cablingdirect.com.au)

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