



**Precision Power Products**

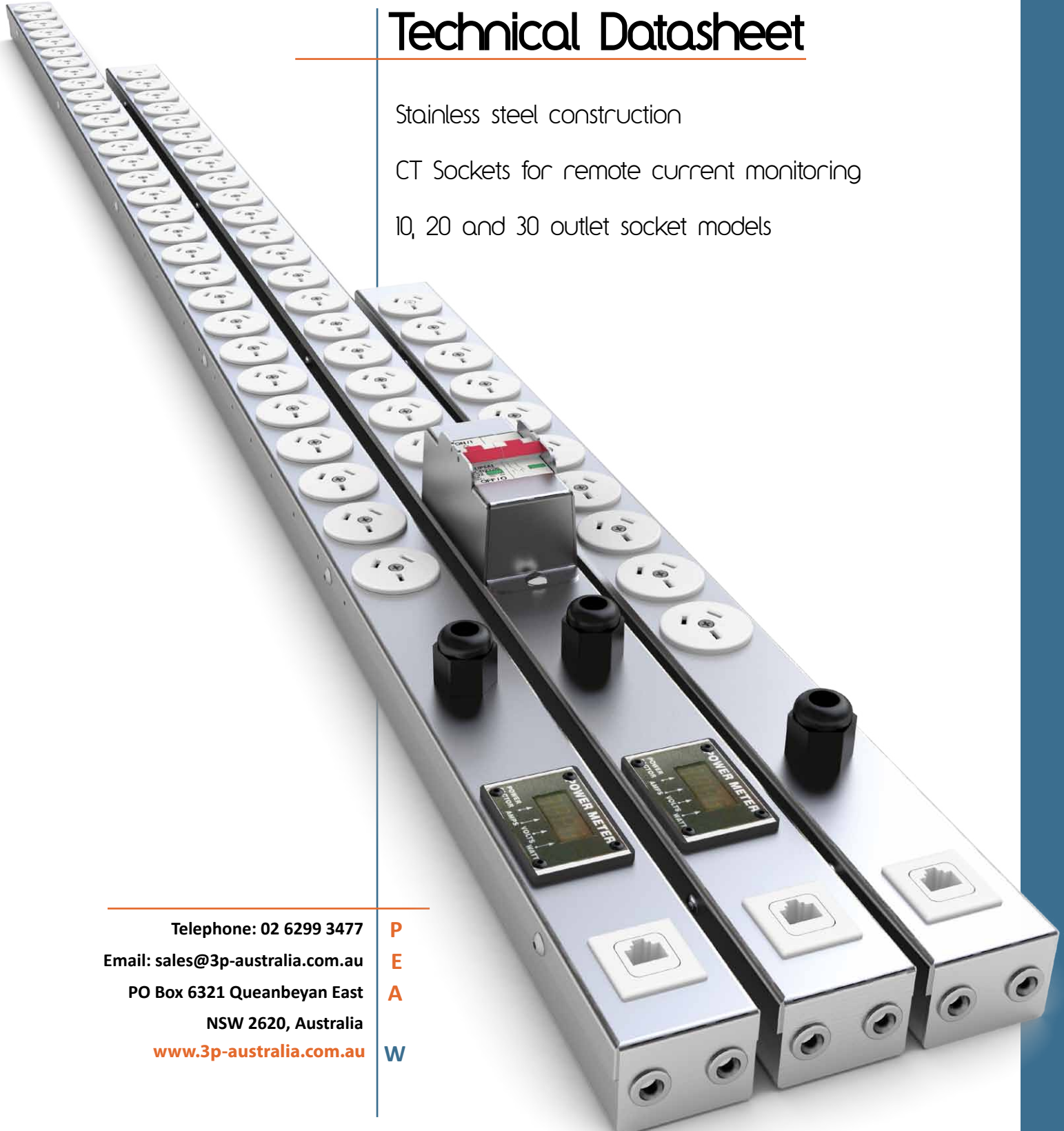
precision power products

## Technical Datasheet

Stainless steel construction

CT Sockets for remote current monitoring

10, 20 and 30 outlet socket models



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**Precision Power Products' (3P)** new range of Power Distribution Units (PDUs) is the ideal way to supply, distribute and monitor power in your 19" racks. As the power requirements for IT equipment continues to grow, metering at the rack provides essential, real time information that helps keep your system up. With 180 variants to choose from, every one of which can be linked to a remote monitoring system (see separate RCM brochure), you can configure a power distribution solution for any application, and upgrade at any time in the future to remote monitoring. This is possible because every 3P power rail, even the most basic unit, has a built in current sensor, wired to a socket. 3P's Remote Current Monitoring (RCM) system can be connected at any time to any 3P PDU.

All PDU's are available with 10, 20 or 30 AS3112 3-pin socket outlets and a wide range of Australian and IEC input plugs. Options include an integrated power meter and a circuit breaker. The Power Meter provides a continuous scrolling display of the four critical power measurements (at  $\pm 2\%$  accuracy):

- Watts RMS (Integration of instantaneous voltage and current, or "Real Power")
- Power factor (ratio of Real Power to Apparent Power)
- Amps (True RMS value)
- Volts (RMS value)

The integrated display in our metered PDUs provides the real time information which is essential for managing and balancing rack power loads, and to prevent current tripping in protected circuits. The meter provides additional information to assist in diagnostics and preventative maintenance.



# Technical Specifications

## Ratings

Nominal Voltage	230	VAC	
Nominal Frequency	50	Hz	
Number of Sockets	10, 20 or 30		
Retrofittable Current Monitoring	Yes		
Net Weight Kg	10 Way	20 Way	30 Way
	1.8 - 3.4	3.1 - 4.3	5.3 - 6.5
Colour / Finish	Stainless Steel		

## Shipping Information

	10 Way	20 Way	30 Way
Boxed Shipping Length (mm)	1030	1530	2030
Boxed Shipping Width	90		
Boxed Shipping Height	110		
Boxed Shipping Weight Kg	2.3 - 3.9	3.6 - 4.8	5.8 - 7.0

## Environment

Operating Temperature Max	60	°C
Operating Temperature Min	-25	°C
Operating Relative Humidity Max (non-condensing)	90	%
Operating Relative Humidity Min	0	%
Operating Elevation Max	5000	m ASL

Part Number	Plug Inlet	Maximum Current (Inlet)	No of outlets	Outlet Current Rating	Cord Length (m)	Circuit Breaker	Metering
PPP-1100	10A Molded	10A	10	10	3		
PPP-1102	10A Molded	10A	10	10	3		Yes
PPP-1120	10A Molded	10A	10	10	3	Yes	
PPP-1122	10A Molded	10A	10	10	3	Yes	Yes
PPP-1300	10A Molded	10A	20	10	3		
PPP-1302	10A Molded	10A	20	10	3		Yes
PPP-1320	10A Molded	10A	20	10	3	Yes	
PPP-1322	10A Molded	10A	20	10	3	Yes	Yes
PPP-1500	10A Molded	10A	30	10	3		
PPP-1502	10A Molded	10A	30	10	3		Yes
PPP-1520	10A Molded	10A	30	10	3	Yes	
PPP-1522	10A Molded	10A	30	10	3	Yes	Yes
PPP-2100	15A Molded	15A	10	10	3		
PPP-2102	15A Molded	15A	10	10	3		Yes
PPP-2120	15A Molded	15A	10	10	3	Yes	
PPP-2122	15A Molded	15A	10	10	3	Yes	Yes
PPP-2200	15A Molded	15A	10	15	3		
PPP-2202	15A Molded	15A	10	15	3		Yes
PPP-2220	15A Molded	15A	10	15	3	Yes	
PPP-2222	15A Molded	15A	10	15	3	Yes	Yes
PPP-2300	15A Molded	15A	20	10	3		
PPP-2302	15A Molded	15A	20	10	3		Yes
PPP-2320	15A Molded	15A	20	10	3	Yes	
PPP-2322	15A Molded	15A	20	10	3	Yes	Yes
PPP-2400	15A Molded	15A	20	15	3		
PPP-2402	15A Molded	15A	20	15	3		Yes
PPP-2420	15A Molded	15A	20	15	3	Yes	
PPP-2422	15A Molded	15A	20	15	3	Yes	Yes
PPP-2500	15A Molded	15A	30	10	3		
PPP-2502	15A Molded	15A	30	10	3		Yes
PPP-2520	15A Molded	15A	30	10	3	Yes	
PPP-2522	15A Molded	15A	30	10	3	Yes	Yes
PPP-2600	15A Molded	15A	30	15	3		
PPP-2602	15A Molded	15A	30	15	3		Yes
PPP-2620	15A Molded	15A	30	15	3	Yes	
PPP-2622	15A Molded	15A	30	15	3	Yes	Yes
PPP-3100	10A Captive Flat	10A	10	10	3		
PPP-3102	10A Captive Flat	10A	10	10	3		Yes
PPP-3120	10A Captive Flat	10A	10	10	3	Yes	
PPP-3122	10A Captive Flat	10A	10	10	3	Yes	Yes
PPP-3300	10A Captive Flat	10A	20	10	3		
PPP-3302	10A Captive Flat	10A	20	10	3		Yes
PPP-3320	10A Captive Flat	10A	20	10	3	Yes	
PPP-3322	10A Captive Flat	10A	20	10	3	Yes	Yes
PPP-3500	10A Captive Flat	10A	30	10	3		
PPP-3502	10A Captive Flat	10A	30	10	3		Yes
PPP-3520	10A Captive Flat	10A	30	10	3	Yes	

Part Number	Plug Inlet	Maximum Current (Inlet)	No of outlets	Outlet Current Rating	Cord Length (m)	Circuit Breaker	Metering
PPP-3522	10A Captive Flat	10A	30	10	3	Yes	Yes
PPP-4100	15A Captive Flat	15A	10	10	3		
PPP-4102	15A Captive Flat	15A	10	10	3		Yes
PPP-4120	15A Captive Flat	15A	10	10	3	Yes	
PPP-4122	15A Captive Flat	15A	10	10	3	Yes	Yes
PPP-4200	15A Captive Flat	15A	10	15	3		
PPP-4202	15A Captive Flat	15A	10	15	3		Yes
PPP-4220	15A Captive Flat	15A	10	15	3	Yes	
PPP-4222	15A Captive Flat	15A	10	15	3	Yes	Yes
PPP-4300	15A Captive Flat	15A	20	10	3		
PPP-4302	15A Captive Flat	15A	20	10	3		Yes
PPP-4320	15A Captive Flat	15A	20	10	3	Yes	
PPP-4322	15A Captive Flat	15A	20	10	3	Yes	Yes
PPP-4400	15A Captive Flat	15A	20	15	3		
PPP-4402	15A Captive Flat	15A	20	15	3		Yes
PPP-4420	15A Captive Flat	15A	20	15	3	Yes	
PPP-4422	15A Captive Flat	15A	20	15	3	Yes	Yes
PPP-4500	15A Captive Flat	15A	30	10	3		
PPP-4502	15A Captive Flat	15A	30	10	3		Yes
PPP-4520	15A Captive Flat	15A	30	10	3	Yes	
PPP-4522	15A Captive Flat	15A	30	10	3	Yes	Yes
PPP-4600	15A Captive Flat	15A	30	15	3		
PPP-4602	15A Captive Flat	15A	30	15	3		Yes
PPP-4620	15A Captive Flat	15A	30	15	3	Yes	
PPP-4622	15A Captive Flat	15A	30	15	3	Yes	Yes
PPP-5100	20A Captive Flat	20A	10	10	3		
PPP-5102	20A Captive Flat	20A	10	10	3		Yes
PPP-5120	20A Captive Flat	20A	10	10	3	Yes	
PPP-5122	20A Captive Flat	20A	10	10	3	Yes	Yes
PPP-5200	20A Captive Flat	20A	10	15	3		
PPP-5202	20A Captive Flat	20A	10	15	3		Yes
PPP-5220	20A Captive Flat	20A	10	15	3	Yes	
PPP-5222	20A Captive Flat	20A	10	15	3	Yes	Yes
PPP-5300	20A Captive Flat	20A	20	10	3		
PPP-5302	20A Captive Flat	20A	20	10	3		Yes
PPP-5320	20A Captive Flat	20A	20	10	3	Yes	
PPP-5322	20A Captive Flat	20A	20	10	3	Yes	Yes
PPP-5400	20A Captive Flat	20A	20	15	3		
PPP-5402	20A Captive Flat	20A	20	15	3		Yes
PPP-5420	20A Captive Flat	20A	20	15	3	Yes	
PPP-5422	20A Captive Flat	20A	20	15	3	Yes	Yes
PPP-5500	20A Captive Flat	20A	30	10	3		
PPP-5502	20A Captive Flat	20A	30	10	3		Yes
PPP-5520	20A Captive Flat	20A	30	10	3	Yes	
PPP-5522	20A Captive Flat	20A	30	10	3	Yes	Yes
PPP-5600	20A Captive Flat	20A	30	15	3		
PPP-5602	20A Captive Flat	20A	30	15	3		Yes

Part Number	Plug Inlet	Maximum Current (Inlet)	No of outlets	Outlet Current Rating	Cord Length (m)	Circuit Breaker	Metering
PPP-5620	20A Captive Flat	20A	30	15	3	Yes	
PPP-5622	20A Captive Flat	20A	30	15	3	Yes	Yes
PPP-6100	20A Captive Round	20A	10	10	3		
PPP-6102	20A Captive Round	20A	10	10	3		Yes
PPP-6120	20A Captive Round	20A	10	10	3	Yes	
PPP-6122	20A Captive Round	20A	10	10	3	Yes	Yes
PPP-6200	20A Captive Round	20A	10	15	3		
PPP-6202	20A Captive Round	20A	10	15	3		Yes
PPP-6220	20A Captive Round	20A	10	15	3	Yes	
PPP-6222	20A Captive Round	20A	10	15	3	Yes	Yes
PPP-6300	20A Captive Round	20A	20	10	3		
PPP-6302	20A Captive Round	20A	20	10	3		Yes
PPP-6320	20A Captive Round	20A	20	10	3	Yes	
PPP-6322	20A Captive Round	20A	20	10	3	Yes	Yes
PPP-6400	20A Captive Round	20A	20	15	3		
PPP-6402	20A Captive Round	20A	20	15	3		Yes
PPP-6420	20A Captive Round	20A	20	15	3	Yes	
PPP-6422	20A Captive Round	20A	20	15	3	Yes	Yes
PPP-6500	20A Captive Round	20A	30	10	3		
PPP-6502	20A Captive Round	20A	30	10	3		Yes
PPP-6520	20A Captive Round	20A	30	10	3	Yes	
PPP-6522	20A Captive Round	20A	30	10	3	Yes	Yes
PPP-6600	20A Captive Round	20A	30	15	3		
PPP-6602	20A Captive Round	20A	30	15	3		Yes
PPP-6620	20A Captive Round	20A	30	15	3	Yes	
PPP-6622	20A Captive Round	20A	30	15	3	Yes	Yes
PPP-7100	10A IEC C14	10A	10	10	1.8		
PPP-7102	10A IEC C14	10A	10	10	1.8		Yes
PPP-7120	10A IEC C14	10A	10	10	1.8	Yes	
PPP-7122	10A IEC C14	10A	10	10	1.8	Yes	Yes
PPP-7300	10A IEC C14	10A	20	10	1.8		
PPP-7302	10A IEC C14	10A	20	10	1.8		Yes
PPP-7320	10A IEC C14	10A	20	10	1.8	Yes	
PPP-7322	10A IEC C14	10A	20	10	1.8	Yes	Yes
PPP-7500	10A IEC C14	10A	30	10	1.8		
PPP-7502	10A IEC C14	10A	30	10	1.8		Yes
PPP-7520	10A IEC C14	10A	30	10	1.8	Yes	
PPP-7522	10A IEC C14	10A	30	10	1.8	Yes	Yes
PPP-8100	16A IEC C20	16A	10	10	1.8		
PPP-8102	16A IEC C20	16A	10	10	1.8		Yes
PPP-8120	16A IEC C20	16A	10	10	1.8	Yes	
PPP-8122	16A IEC C20	16A	10	10	1.8	Yes	Yes
PPP-8200	16A IEC C20	16A	10	15	1.8		
PPP-8202	16A IEC C20	16A	10	15	1.8		Yes
PPP-8220	16A IEC C20	16A	10	15	1.8	Yes	
PPP-8222	16A IEC C20	16A	10	15	1.8	Yes	Yes
PPP-8300	16A IEC C20	16A	20	10	1.8		

Part Number	Plug Inlet	Maximum Current (Inlet)	No of outlets	Outlet Current Rating	Cord Length (m)	Circuit Breaker	Metering
PPP-8302	16A IEC C20	16A	20	10	1.8		Yes
PPP-8320	16A IEC C20	16A	20	10	1.8	Yes	
PPP-8322	16A IEC C20	16A	20	10	1.8	Yes	Yes
PPP-8400	16A IEC C20	16A	20	15	1.8		
PPP-8402	16A IEC C20	16A	20	15	1.8		Yes
PPP-8420	16A IEC C20	16A	20	15	1.8	Yes	
PPP-8422	16A IEC C20	16A	20	15	1.8	Yes	Yes
PPP-8500	16A IEC C20	16A	30	10	1.8		
PPP-8502	16A IEC C20	16A	30	10	1.8		Yes
PPP-8520	16A IEC C20	16A	30	10	1.8	Yes	
PPP-8522	16A IEC C20	16A	30	10	1.8	Yes	Yes
PPP-8600	16A IEC C20	16A	30	15	1.8		
PPP-8602	16A IEC C20	16A	30	15	1.8		Yes
PPP-8620	16A IEC C20	16A	30	15	1.8	Yes	
PPP-8622	16A IEC C20	16A	30	15	1.8	Yes	Yes
PPP-9100	32A Captive Rnd	32A	10	10	3		
PPP-9102	32A Captive Rnd	32A	10	10	3		Yes
PPP-9120	32A Captive Rnd	32A	10	10	3	Yes	
PPP-9122	32A Captive Rnd	32A	10	10	3	Yes	Yes
PPP-9200	32A Captive Rnd	32A	10	15	3		
PPP-9202	32A Captive Rnd	32A	10	15	3		Yes
PPP-9220	32A Captive Rnd	32A	10	15	3	Yes	
PPP-9222	32A Captive Rnd	32A	10	15	3	Yes	Yes
PPP-9300	32A Captive Rnd	32A	20	10	3		
PPP-9302	32A Captive Rnd	32A	20	10	3		Yes
PPP-9320	32A Captive Rnd	32A	20	10	3	Yes	
PPP-9322	32A Captive Rnd	32A	20	10	3	Yes	Yes
PPP-9400	32A Captive Rnd	32A	20	15	3		
PPP-9402	32A Captive Rnd	32A	20	15	3		Yes
PPP-9420	32A Captive Rnd	32A	20	15	3	Yes	
PPP-9422	32A Captive Rnd	32A	20	15	3	Yes	Yes
PPP-9500	32A Captive Rnd	32A	30	10	3		
PPP-9502	32A Captive Rnd	32A	30	10	3		Yes
PPP-9520	32A Captive Rnd	32A	30	10	3	Yes	
PPP-9522	32A Captive Rnd	32A	30	10	3	Yes	Yes
PPP-9600	32A Captive Rnd	32A	30	15	3		
PPP-9602	32A Captive Rnd	32A	30	15	3		Yes
PPP-9620	32A Captive Rnd	32A	30	15	3	Yes	
PPP-9622	32A Captive Rnd	32A	30	15	3	Yes	Yes

# Part Numbering Guide

PPP

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Plug

Outlets

Protection

Metering



0 - No power metre  
2 - Power metre

0 - Unprotected  
2 - Circuit Breaker

- 1 - 10x10A
- 2 - 10x15A
- 3 - 20x10A
- 4 - 20x15A
- 5 - 30x10A
- 6 - 30x15A

- 1 - 10A Molded 3m AU
- 2 - 15A Molded 3m AU
- 3 - 10A IP56 F 3m AU
- 4 - 15A IP56 F 3m AU
- 5 - 20A IP56 F 3m AU
- 6 - 20A IP56 R 3m AU
- 7 - 10A 1.8m IEC C14
- 8 - 16A 1.8m IEC C20
- 9 - 32A IP56 R 3m AU

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