

SMART PDUS

Outlet Metered, Outlet Switched PDUs (EN6000 Series)

PRODUCT INFORMATION	MATERIALS Chassis – Steel	OVERVIEW Real-time metering and network monitoring of power loads for overload avoidance, capacity and load balancing and energy use optimisation.
	COLOUR & SURFACE FINISH Powdercoated textured matt black	
	CONFORMITY, APPROVALS AS/NZS3123 EN/IEC 60950-1 Safety CE approval ROHS, WEEE environmental approvals	INCLUSIONS: Comes standard with: <ul style="list-style-type: none"> • Power rail • Power cord • IP66 AS/NZS3123 straight plug



APPLICATIONS:

Distribution of power inside a data centre environment where a variety of different power connectors are required.



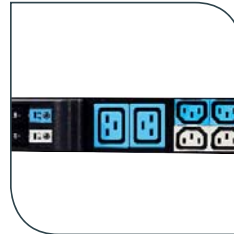
Top or front power cords available.



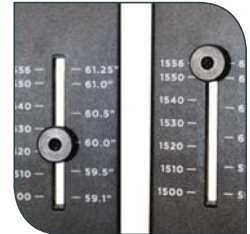
Large and easy-to-view OLED display



Ultra low profile design



Colour-coded outlets by breaker



Adjustable tool-less mounting and universal mounting brackets.

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SELECTION GUIDE

Catalogue No.	Input Circuit	Max Power	Total Outlets	Outlet Configuration	Input Plug Type	Dimensions (mm)			Max. chassis depth at breaker (mm)
						Length	Width	Depth	
ARPREN6101	16A	3.84kVA	12	(12) C13	IP66 AS/NZS3123	1065	55	50	50
ARPREN6105	32A	7.68kVA	22	(18) C13 (4) C19		1730	55	50	62
ARPREN6113	32A	7.68kVA	24	(20) C13 (4) C19		1826	55	50	62
ARPREN6103	32A	7.68kVA	24	(24) C13		1730	55	50	62
ARPREN6102	32A	7.68kVA	32	(32) C13		1826	55	50	80
ARPREN6110	16A	11.52kVA	24	(18) C13 (6) C19		1730	55	50	n/a
ARPREN6111	3-Phase 32A	23.04kVA	24	(12) C13 (12) C19		1826	55	50	80
ARPREN6112	32A	23.04kVA	24	(24) C13		1826	55	50	80

For a range of accessories please refer to pages 74–77.

PDU BRACKETS

No. of PDUs	To suit cabinet width (mm)	Product Information		
		Ausrack Plus	Ausrack TxD	Ausrack CQR
1	600	ARPDUBRK600	ATPDUBRK600	ACPDUBRK600
2	800	ARPDUBRK800	ATPDUBRK800	ACPDUBRK800

Please note: These brackets can also be used in an iLINQ bayable enclosure.

FEATURES GUIDE

PDU Energy Metering and Monitoring

- PDU level watt-hour energy metering (kWh)
- PDU level power measurements (W)
- Input phase level power measurements (V, A, VA, kWh, pf)
- Circuit breaker level current measurements
- High-accuracy, billing-grade metering capabilities
- Embedded memory log to record/view/report historical data
- User customisable alarm thresholds & notifications

Outlet Level Switching

- Remote on/off power control by individual outlet
- User-defined power-on time delay to sequence IT equipment
- Automatic sequencing to avoid inrush current overload
- Outlet level user security with assignable roles and user access

Outlet Level Energy Metering

- Outlet level watt-hour energy metering (kWh)
- Outlet level power measurements (V, A, VA, kWh, pf)
- Outlet level information for Green Grid Level 3 PUE calculations

Design

- Low profile, space saving design
- Ultra low profile circuit breakers on most models
- Adjustable tool-less mounting system
- Colour-coded and locking IEC receptacles and locking power cord compatible
- Field rewirable input cord for front or top mounting

Environmental & Security Management

- Optional plug & play environmental sensors including temperature, humidity, dry contact and water leak
- Rack access monitoring with door contact switch
- User customisable alarm thresholds and notifications

Network Management and Local Display Interface

- Fully featured network management and alerting capabilities supporting HTTP, HTTPS, SSH, Telnet, SNMP, Syslog and email
- Strong encryption, passwords and advanced authorisation options including local permissions, LDAP/S and Active Directory
- Daisy chain up to 4 rack PDUs and 24 environmental sensors through a single IP address
- Largest in class, high visibility, oLED display

Circuit Breaker Status Monitoring

- Active monitoring and alarming of circuit breaker on/off status

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