SMART PDUS

Metered, Outlet Switch PDUs (EN2000 Series)

PRODUCT INFORMATION

MATERIALS
Chassis – Steel

COLOUR & SURFACE FINISH
Powdercoated textured matt black

CONFORMITY, APPROVALS
AS/NZS3123
EN/IEC 60950-1 Safety
CE approval
ROHS, WEEE environmental approvals

OVERVIEW
Real-time metering and network monitoring of power loads for overload avoidance, capacity and load balancing and energy use optimisation.

INCLUSIONS:
Comes standard with:
- 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.
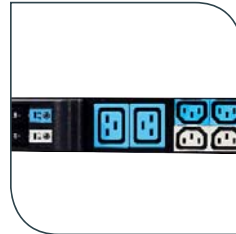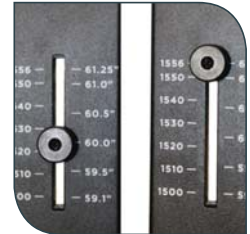

Top or front power cords available.

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 (D)
								Length (A)	Width (B)	Depth (C)	
ARPREN2101		16A	3.84kVA	12	⊡ (12) C13			1065	55	50	50
ARPREN2105		32A	7.68kVA	22	⊡ (18) C13	▭ (4) C19		1730	55	50	62
ARPREN2113	1-Phase	32A	7.68kVA	24	⊡ (20) C13	▭ (4) C19		1826	55	50	62
ARPREN2103		32A	7.68kVA	24	⊡ (24) C13		IP66 AS/NZS3123	1730	55	50	62
ARPREN2102		32A	7.68kVA	32	⊡ (32) C13			1826	55	50	80
ARPREN2110		16A	11.52kVA	24	⊡ (18) C13	▭ (6) C19		1730	55	50	n/a
ARPREN2111	3-Phase	32A	23.04kVA	24	⊡ (12) C13	▭ (12) C19		1826	55	50	80
ARPREN2112		32A	23.04kVA	24	⊡ (24) C13			1826	55	50	80

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 dely to sequence IT equipment
- Automatic sequencing to avoid inrush current overload
- Outlet level user security with assignable roles and user access

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 rewireable 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