



19" 1U Rackmount 6-Outlet PDU with Surge Protector

Recessed Power Distribution Unit with 3-Pin AU/NZ Sockets, 10 A, 500 Joule/19,500 A Surge Protection, Built-in 2 m Power Cord with Type I Plug, Horizontal Mount, Aluminium, Black/Silver

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19-inch Rack Mount 6-Way PDU with AU / NZ Sockets, Surge Protection and Recessed Design

This 19 in. 1U Rackmount 6-Outlet PDU from Intellinet Network Solutions is designed to deliver reliable and efficient power distribution in professional rack environments across Australia and New Zealand. Featuring 12 Type I (AS/NZS 3112) outlets, this single-phase unit is ideal for networking, telecommunications, security systems, and audio/video installations, ensuring dependable power delivery for critical equipment.

Enhanced Equipment Safety

With built-in surge protection rated at 500 joules and a maximum surge current of 19,500 A, this PDU safeguards connected devices against harmful power surges, spikes, and line noise. This added layer of protection helps prevent damage to sensitive electronics and ensures long-term system reliability in demanding environments. Additional safety is provided by socket contact shutters, which offer increased touch protection during everyday use. A dedicated grounding point provides protection against external electrical surges, helping to maintain system stability and safeguard connected devices.

Recessed Design Optimised for Front Rack Installation with Extra Clearance

The recessed housing design makes this PDU particularly suitable for front mounting in 19" racks and cabinets. By positioning the outlets slightly behind the mounting plane, it provides extra clearance for plugs and cables, preventing interference with rack doors and allowing for cleaner, more organized cable routing.

Durable Construction for Professional Environments

Constructed from high-quality aluminum with an IP20-rated housing, the unit offers long-lasting durability and protection in professional settings. Compliance with IEC 60297 and EIA 310 standards guarantees compatibility with all standard 19" (482.6 mm) racks, making it a versatile choice for a wide range of installations. The built-in 2-meter power cord with AS/NZS 3112 plug ensures straightforward connection to local power sources, reducing installation complexity and eliminating the need for additional accessories.

Features:

- 6-way single-phase PDU with Australia/New Zealand Type I sockets for electrical equipment, ideal for networking, telecom, security and audio/video
- 500 joule surge protection and 19,500 A surge current against dangerous power surges, line noise and spikes
- Recessed design allows front mounting with 50 mm extra clearance for plugs and cables to prevent interfering with rack door
- Built-in 2 m power cord with AS/NZS 3112 plug
- Horizontal 1U 19-inch rack-mount installation
- Sockets with increased touch protection through contact shutters
- IEC 60297 / EIA 310-compliant; compatible with all standard 19 in. / 482.6 mm racks
- Durable aluminum construction with IP20-rated housing
- Grounding point to protect equipment from external electrical surges
- Bracket installation style: frontal
- For indoor use only
- Three-year warranty

Specifications:

Standards and Certifications

- RCM
- AS/NZS 3112
- AS/NZS 62368.1
- IEC 60297
- IP20

Electrical

- AC input: 220.0 - 250.0 V; 50 Hz
- Rated voltage: 230.0 V
- Rated current: 10.0 A
- Plug standard: AS/NZS 3112 (Type I)

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- Socket/outlet standard: AS/NZS 3112 (Type I)
- Maximum load: 2,500.0 W
- Surge protection: AC suppression with 500 joules and 19,500 A surge current

LED Indicators

- Green "SURGE" LED
 - On: Surge protection is active and working properly
 - Off: Surge protection failed and is inactive
- Yellow "GND" LED
 - On: Unit is grounded properly with correct polarity
 - Off: Unit is grounded improperly, or L/N polarity is reversed
 - Blinking: Unit is grounded improperly, or electrical equipment is leaking
- Red "POWER" LED
 - On: Unit is receiving power
 - Off: Unit is not receiving power

Physical

- Dimensions (L x W x H): 89.2 x 485.9 x 95 mm
- 1U rack mount
- Cable length: 2 m
- Cable type: compliant with AS/NZS 3191 (3-core, 1.5 mm²)
- Net weight: 970 g
- Gross weight: 1.1 kg
- Housing: aluminum
- Recessed design: brackets with 50 mm setback for additional plug and cable clearance

Environmental

- Operating Temperature: 0 to 50 °C
- Storage Temperature: -20 to 60 °C
- Humidity: 0 to 80% RH (non-condensing)

Package Contents

- 19" 1U Rackmount 6-Outlet PDU with Surge Protector with 2 m power cable



