

**LP-RU07107PPDU 19-inch Rack-Mountable Power Distribution Unit (PDU) with Seven (7) NEMA 5-15R Outlets, 125 VAC, 15 A Thermal Breaker, Illuminated on/off Switch with Finger Guard, 2000 Joule Protection and LED Indicator Panel and RF filter. 1½ U height.**

LPRU07107PPDU\_SS\_ENB01W

**Features**

- Ideal for electric power distribution inside cabinets, racks, telecommunication and IT boxes with world class security and reliability.
- Secure, organized, and neat electric power.
- Seven NEMA 5-15R heavy duty outlets (7) with ground.
- Enough mains cable length of 3 m.
- Protection block against up to 2000 Joules surge voltages.
- Overcurrent protection with thermal breaker 15 A.
- Over voltage protection
- Interruption capacity 1000 A.
- RF filtering protection.
- Accepts NEMA 5-15P plugs.
- Guarded on-of switch.
- Easy mounting on 19-inch racks, cabinets, wall cabinets, work benches.
- 15 A thermal breaker.
- 10000 A surge discharge current capacity.
- 1875 W added maximum capacity.
- Long lasting anodized aluminum extrusion case.



**LP-RU07107PPDU**

**19-inch Rack-Mountable Power Distribution Unit (PDU) with Seven (7) NEMA15-5R Outlets, 125 VAC, 15 A Thermal Breaker, Illuminated on/off Switch with Finger Guard, 2000 Joule Protection and LED Indicator Panel and RF Filter. 1½ U height.**

The **LP-RU07107PPDU** Power Distribution Unit (PDU) by LanPro is an excellent option for applications that require a mains feeder in the back of large 19-inch cabinets and racks that come non-filtered, nor surge protected AC service mains.

This PDU solves this issue by protecting the load against overloads produced by voltage, current or RF interference produced by other equipment in the mains circuit.

This PDU unit comes enclosed in a robust anodized aluminum enclosure and carries seven (7) NEMA 5-15R, 125 VAC, 50/60 Hz grounded outlets. The maximum operating current drawn from the mains circuit is limited to 15 A and cannot deliver more than 1875 W total output summed. This PDU comes with a 15 A thermal breaker and an illuminated toggle switch with finger guard to avoid accidental operation.

By the same token, this PDU has a 10000 Ampere surge discharge capacity and a voltage surge energy withstand of 2000 Joules from LN-LG-NG; besides that, it has an LED information panel whose colors indicate: Red: voltage, Green: Ground connector, Yellow: active overload protection. In series with this circuit is a common mode RF filter circuit that suppresses excess RF energy.

This device has been designed for 19 inch wide rack mounting and uses 1½ units of vertical rack space. A 3 m long mains #16 AWG cable with a NEMA 5-15P grounded plug.

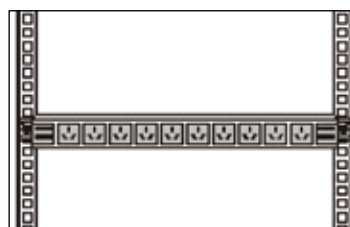
Rango de temperatura en la que opera: -20 hasta +60 grados Celsius.

**A Applications**

The **LP-RU07107PPDU** by LanPro is an excellent option for those applications that require a main feeder in the back of large cabinets or racks that are to be connected to the unprotected electric mains and need the conditioning offered by this option. The **LP-RU07107PPDU** protects the equipment connected to its outlets by clamping overvoltage surges, or filtering RF interference and limiting current overloads from the mains or from other equipment sharing the PDU.

**B Horizontal Installation**

Figure 1



**C Special Surge Protection Block**

The LanPro LP-RU07107PPDU Power Distribution Unit includes a very special Surge Protection Block shown in **Figure 2**, loaded with features that enhance the PDU characteristics to a high level.

The Surge Protection Block includes an information panel with three (3) led indicators: Power (Red), Lightning Protection (Green), Earth (Yellow).

The module's six Varistor set protects user equipment from the three common types of overvoltage surges: Line-Neutral, Line-Ground, Neutral-Ground. Each Varistor pair is protected by an over temperature cut-off device in order to comply with the UL1449 standard. In case of a sustained overvoltage, the cut-off devices open the circuit avoiding the thermal runaway of the Varistors and the possibility of fire. RF noise is also filtered and an overcurrent protector completes the features.

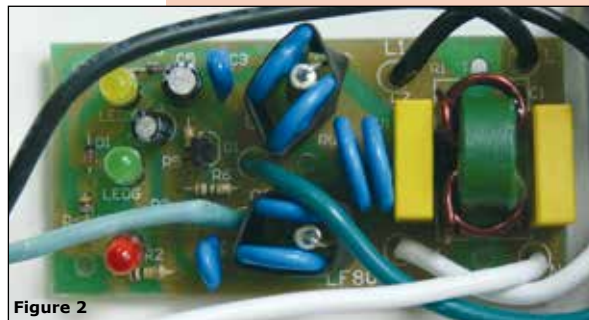


Figure 2

**D Specifications**

Electrical characteristics	Values
Maximum power	1875 Watt
Nominal operating voltage/ Frequency	125 VAC, 50/60 Hz
RF filter array	Toroid based common mode filter
Isolation impedance	>100 MΩ
Temperature operating range	-20 a +60°C
Thermal breaker current operation	15 A
Thermal breaker interruption capability	1000 A
Varistor time response/ Energy	25 nS / 2000 Joules
Voltage withstand	1 K Volt
Discharge current	8x20 μS - 10000 Ampere
Varistor protection mode	L-N L-G N-G
Varistor thermal runaway disconnection standard.	UL1449 compatible
Protection module LED indicators	Three (3): Power (red), Lightning Protection (green), Earth (Yellow)
Cable size and length	10 feet (3 m) AWG#16 Phase, neutral, Gnd with termination NEMA 5-15P plug
Mechanical characteristics	Values
Number of outputs	Seven (7) NEMA 5-15R outlets
Construction	Robust anodized aluminum enclosure
Mounting	Horizontal
Width	19 inches rack
Height	1.5 U (U= rack unit)

**E How to Order**

<b>LP-RU07107PPDU</b>	Aluminum Body Power Distribution Unit, seven (7) NEMA 5-15R outlets, 125 VAC, 50/60 Hz, maximum working current of 15 A, with 1875 W of maximum output power, protected with a 15 A thermal resettable interrupter, lighted rocker switch with finger guard, up to 10000 A surge discharge capacity and 2000 Joules LN-LG-NG surge energy protection block with information panel with red LED voltage indicator, green LED surge ground connected indicator, yellow LED surge protection active indication and common mode HF noise filter. Width: 19", height: 1 ½ U, and a 3 m 3x AWG#16 grounded power cord terminated with a NEMA 5-15P plug.
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*LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.*