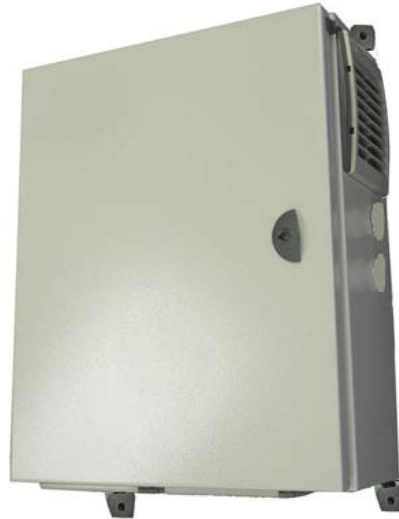


Special Features

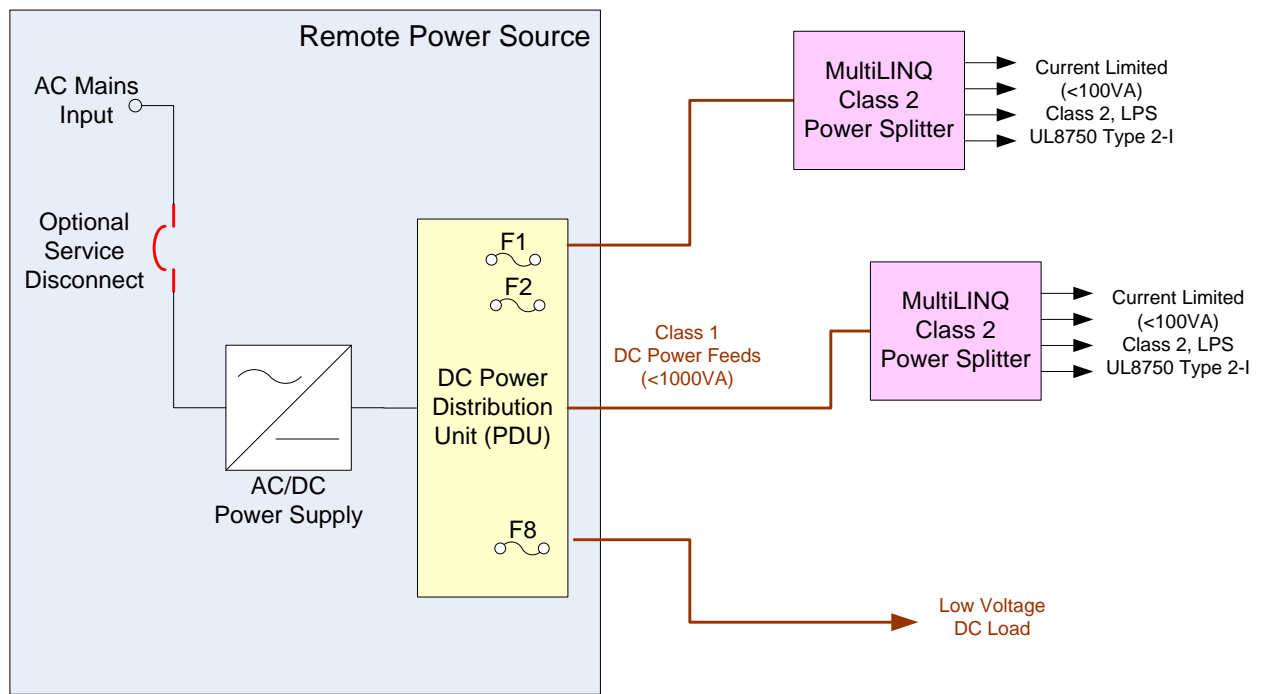
The Remote Power Source (RPS) is a complete UL approved DC power source for powering LED lighting in both indoor and outdoor applications. It reduces the complexities of multiple power supplies and Safety code considerations.

- Integral power supply module (up to 1kW)
- Eight (8) fuse protected outputs
- NEMA 3R enclosure
- Filtered ventilation
- Hinged front panel with Security Lock
- Optional AC Service Disconnect
- Integral Alarms
- Optional battery backup



Applications and Benefits

The RPS is designed for powering low voltage DC equipment in building interiors, exteriors and electric signs. When used in conjunction with ROAL's MultiLINQ DC Power Splitter, it forms the ideal solution for powering LED lights in signage and buildings.



Internal Power Supply Requirements

The RPS can be equipped with one of ROAL's standard power supply modules, or can be fitted with any power supply up to 1kW total output power.¹ The following power supplies are available from ROAL and can be plugged directly into the RPS with minimal mechanical effort:

Model # RHPS190: 12V output, 1000W

Model # RHPS190B: 24V output, 1000W

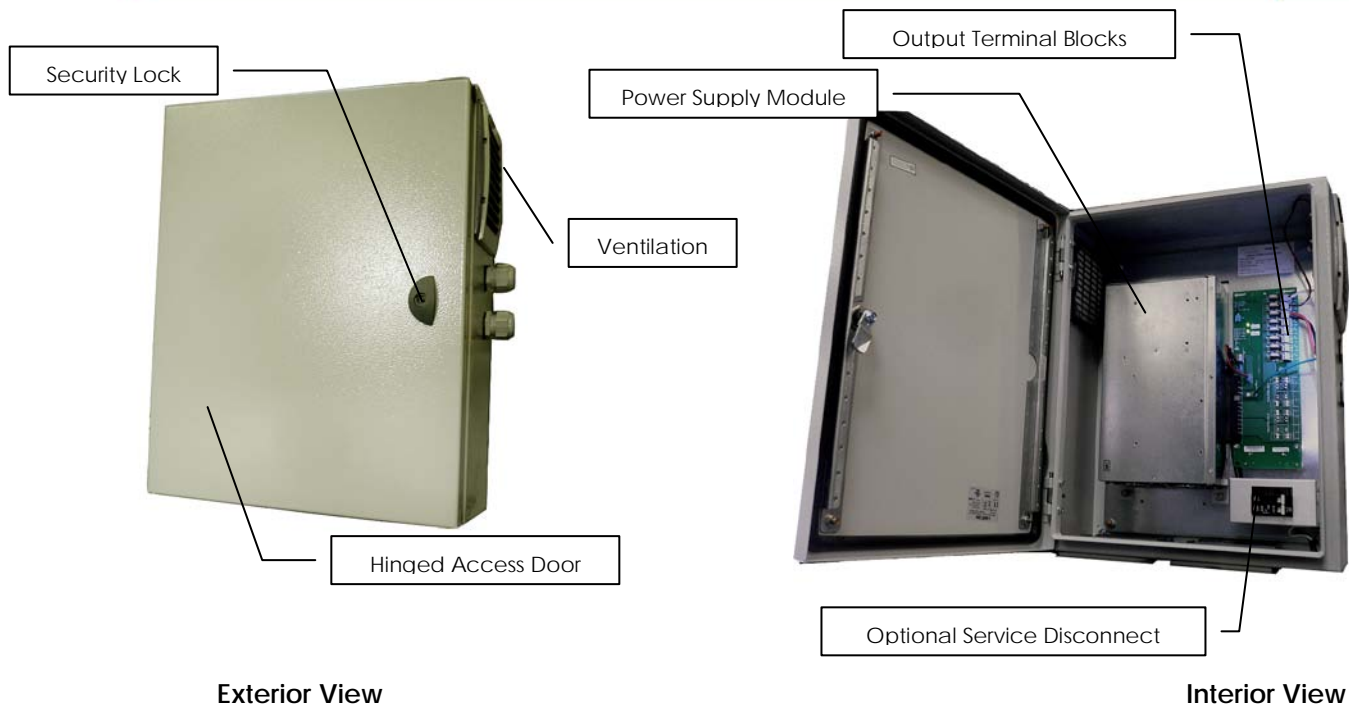
Specifications

The following specifications are the maximum ratings for the enclosure and the PDU:

Input Voltage: 100-240 V 47-63Hz
Input Current: 15A Maximum
Input Wiring: 3 wire, L1, L2/N, Earth
Input Wire Size: 14 AWG – 10 AWG

DC Outputs: 8
Fuse Rating per output: 25A max
Output Voltage: +12 to 59 VDC
Output Wire Gauge: 18 AWG – 12 AWG
Clamp Style Output terminal Blocks

Enclosure Details



Eu and RoW

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Fax: +39 071 72146 480

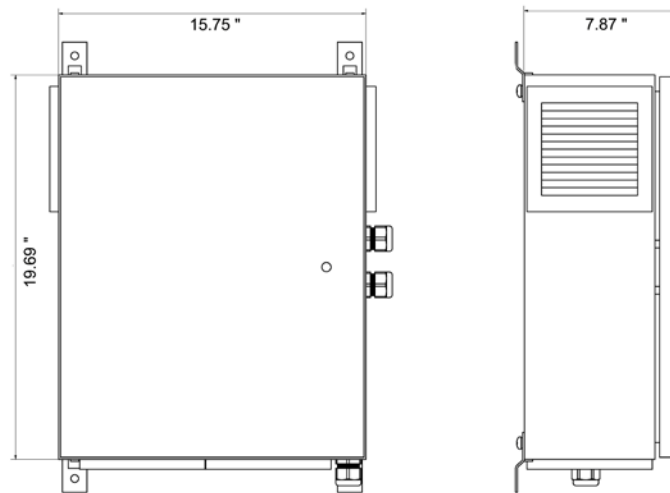
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Fax: +1 570 421 5687
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Mechanical

Enclosure:	Wall or post mount, locked, NEMA enclosure, UL50
Dimensions (HxWxD):	19.69" x 15.75" x 7.87"
Input Connection:	Attachment to internal PCB or optional AC disconnect circuit breaker
Output Connections:	Terminal Block, up to 12 AWG, 8 separate load connections
Outline Drawing:	



Environmental

Operating Temperature:	-30C to +45C	Storage Temperature:	-40C to +85C
Cooling:	Convection cooled	Ingress Protection:	NEMA 3R, IP54

Safety Agency Approvals (pending)

Safety Approvals: UL Listing UL60950-1, UL60950-22; SELV output

Enclosure Ratings: NEMA 3R, IP54

Notes:

1. It is possible to use a power supply from a third party however, certain safety approvals including UL60950 will not apply without additional testing and recertification.

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