



## MLV 100W 24V Power Supply Remote Power Supply

**Minus 100W 24V DC Dimmable Power Supply** - The Minus 100W power supply provides dimmable low voltage power in order to power up to four (4) Minus fixtures, up to 150ft using minimum 16AWG two conductor wires. Features smooth dimming with low voltage magnetic dimmer, provided dimmers min. load is covered. Please see compatible dimmers on page 2.

### Construction

- Black power coated steel finish
- Wiring compartment with 5 knock-outs
- Built in ground bus for easy ground installation • Terminal blocks for easy connections
- Thermal self reset primary breaker 200A
- Thermal self reset secondary breaker 400A • Input Leads: PVC 600V 18AWG
- Output Leads: PVC 300V 18AWG
- Weight: 4lbs (1.81kg)

### Installation

- Mounted using screws to existing structure, not included
- Knockouts compatible with 3/8" screw cable connectors
- 5" (12.7cm) minimum installation space between power supplies • Enclosure case may not exceed 75oC
- 45Co max. operating ambient temperature
- For installation with Minus Series fixtures use min. 16AWG wire. • Wire in parallel only!

### Product Dimensions

- Length: 8.13" (207mm) • Width: 3.93" (100mm) • Height: 1.59" (40mm)

### Electrical

- Input Voltage: 120 VAC input 60Hz
- Max input current at full load: 1.1A
- Output Voltage without load: 23.6VDC • Output Voltage at full load: 21.6VDC
- Max Total Wattage: 96W
- Max Output Current: 4A
- Efficiency: 85%

### Listings / Certifications

- ETL Listed
- Conforms to UL1310
- Class 2 Output
- Environmental Protection Rating: Nema 3R

## ORDERING INFORMATION

SERIES	Wattage	TYPE
<input type="checkbox"/> AA3 - Remote Supply	<input type="checkbox"/> 100 - 100W	<input type="checkbox"/> L - Lumicon
<b>ORDERING EXAMPLE</b>	AA3100L	

**Compatible Dimmers**

Lutron	Model Number	Input Voltage	Dimming Range
Diva	DVELV-303P	120V	5-100%
Diva	DVRP-253P	120V	5-100%
Diva	DVF-103P	120V	25-100%
Maestro	MACL-153M	120V	5-100%
Maestro	MSCL-153M	120V	5-100%
Maestro	MAELV-600	120V	5-100%
Nova T	NTF-10	120V	28-100%
Nova T	NF-10P	120V	25-100%
Grafik T	GTJ-250M	120V	5-100%
Grafik T	GT-250M	120V	5-100%
Grafik T	GTJ-150	120V	5-100%
Grafik T	GT-150	120V	5-100%
Caseta	PD-10NXD	120V	5-100%

Please note that other dimmers and dimming modules may be compatible with this driver and fixture types, but have not yet been tested. If you plan on using dimmers not listed above you are doing so at your own risk. Apure Distribution LLC, is not responsible for damage resulting to fixtures and/or drivers resulting from the use of alternate dimmers or modules.

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Resources