

WayPoint102 Outdoor DC Power Supply/Charger

Description

Altronix WayPoint102 DC Outdoor Power Supply/Charger provides 12VDC and is designed to be conveniently located where power is required. It also offers a suite of features that includes output disconnect, overvoltage protection, and low power disconnect which prevents deep discharge of stand-by batteries. Lightweight molded fiberglass reinforced polyester enclosure is NEMA 4/4X, IP66-11 Rated for outdoor use and accommodates up to two (2) 12VDC/7AH batteries. It features lockable stainless steel latches and integral flanges to simplify wall or pole mounting.



WayPoint102

Specifications

Input

Voltage	120VAC, 60Hz, 3.5A max.
Fusing	5A / 250V.

Outputs

Voltage	12VDC.
Current	10A continuous max.
Auxiliary	Power-limited @ 1A (unswitched).
Other	Overvoltage protection. Filtered and regulated.

Back-up Battery *(not included)*

Type	Sealed lead acid or gel type.
Fuse Rating	15A / 32VDC.
Failover	Upon AC loss, instantaneous.

Output Disconnect

Supervised	Latching or non-latching.
EOL	10K Resistor.

Supervision

AC Failure	Form "C" contacts.
Battery	Form "C" contacts.

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 71-73% for 12V units and 70-75% for 24V units (depending on the power supply). Prevents deep battery discharge.

Indicators (LED)

Input	120VAC is present.
DC Output	Powered.
Battery	Discharged or not connected.

Physical and Environmental

Dimensions (H x W x D)	13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm).
Product Weight	9.0 lbs. (4.08 kg).
Shipping Weight	10.3 lbs. (4.67 kg).
Temperature	
Operating	-40°C to 60°C (-40°F to 140°F).
Storage	-40°C to 70°C (-40°F to 158°F).
Relative Humidity	85% +/-5%.
BTU/Hr (approx.):	61 BTU/Hr.

Accessories

PMK1 Pole Mount Kit (order separately)

PMK1 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2" - 8" (diameter) poles.

Kit includes:

- Two (2) powder coated steel mount brackets.
- Four (4) stainless steel bolts.
- Four (4) stainless steel lock washers.
- Two (2) wormgear quick release straps.



PMK1