

WayPoint102

Outdoor DC Power Supply/Charger

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.
Input Fuse	5A/250V

Outputs

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

Battery Charging

Capacity	7AH/12VDC (1 or 2 within enclosure) Up to 40AH/65AH (Separate ventilated enclosure is required)
Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous
Batteries are sold separately	

Output Disconnect

Supervised	Latching or non-latching
EOL	10K Resistor

Indicators (LED)

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

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

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)
Shipping:
20.25" x 12.5" x 7.25" (514.4mm x 317.5mm x 184.2mm)
NEMA 4/4X, IP66-11 Rated enclosure for outdoor use

Weight (approx.)

Product:	9.0 lb. (4.08 kg)
Shipping:	10.3 lb. (4.67 kg)

Temperature

Operating:	- 40°C to 60°C (- 40°C to 140°F)
Storage:	- 40°C to 70°C (- 40°C to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr. (approx.): 61 BTU/Hr.

Accessories (order separately)



PMK1 - Pole Mount Kit

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

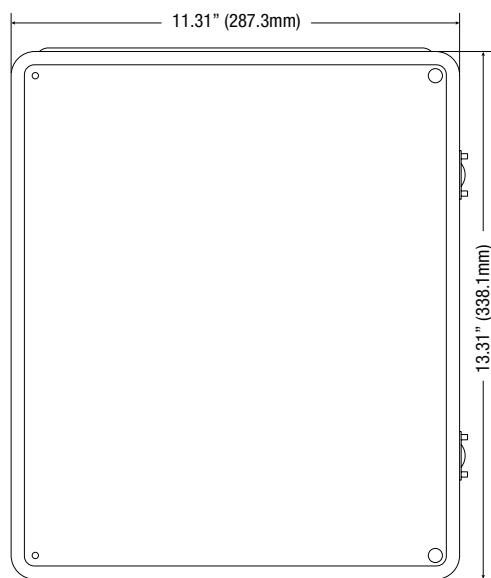
Lifetime Warranty

Dimensions and Drawing

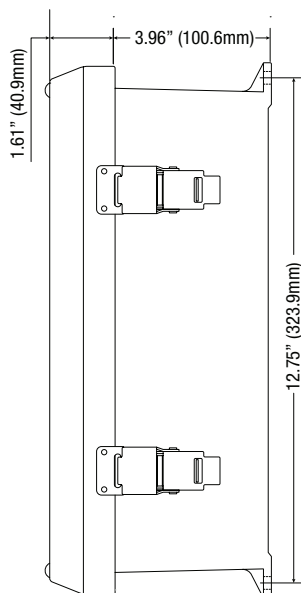
Dimensions (H x W x D approximate)

13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)

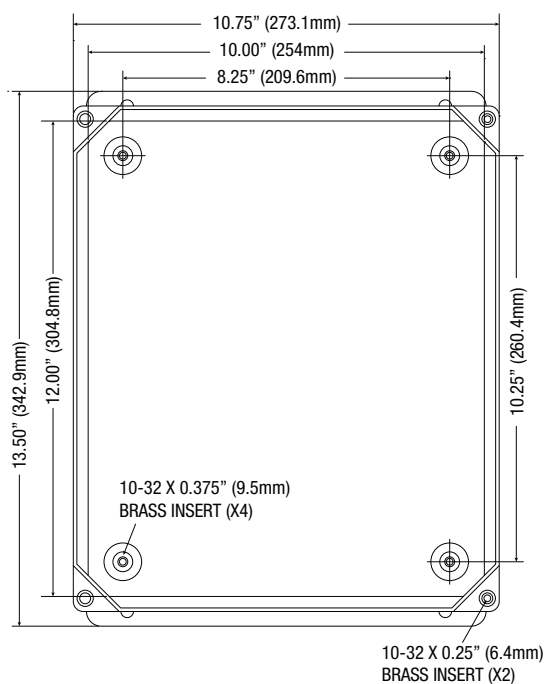
FRONT VIEW



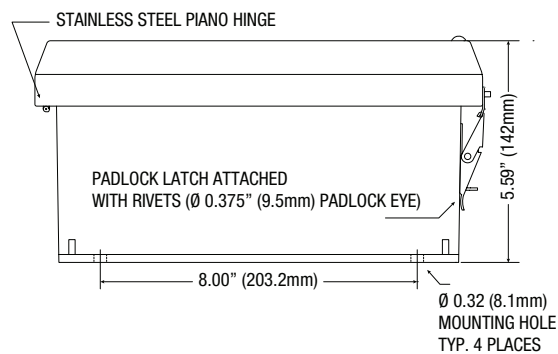
RIGHT SIDE VIEW



FRONT VIEW COVER REMOVED



END VIEW



Lifetime Warranty

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