PowerPack 600S
DC power supply for PS2 pump systems

Description

An outdoor rated power supply unit to allow LORENTZ PS2-200 to PS2-600 sytems to be powered from an AC (mains voltage) power source. The PowerPack can be used as a continuous supply, in conjunction with PV modules or as a temporary or seasonal supply.

Features

- DC power supply to power LORENTZ solar pump systems from the grid or a generator
- Robust weatherproof housing
- External on / off switch
- Use of MC4 connections to allow quick change over from PV modules to PowerPack
- DC inputs and outputs allow for permanent connection of a solar array
- 1m AC connection cable - NEMA 5-15P (US Plug) or CEE 7/7 (EU Plug)
- Requires a tool to open the housing
- Designed to be used with the LORENTZ PS2-100 to PS2-600 systems

Ordering and shipping information

- Packed volume: 0.03 m³ (1.03 ft³)
- Packed weight: 3.6 kg (7.1 lbs)
- See next page for item numbers and variants

Approvals and standards

The switch mode power supply has the following approvals
- EN62368-1
- IEC 62103
- IEC 61000-6-2
- IEC 61000-6-4
- AS/NZS 60950-1
- UL62368-1

CE

photo may differ from actual product

Technical data / Specifications

	PowerPack 600S
For use with these Pump systems	PS2-200
	PS2-600
AC input	100-260 V AC / 50 - 60 Hz
DC output	56 V - 10.5 A
Maximum PV input	150 V DC
PV in connections	2 x MC4
DC out connections	2 x MC4
AC input	IEC C14 female (US or EU cable supplied)
Environmental protection	IP23
Housing material	Polycarbonate

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V210729

Order information

Item number	Description
19-005300	PowerPack 600S, EU
19-005305	PowerPack 600S, US

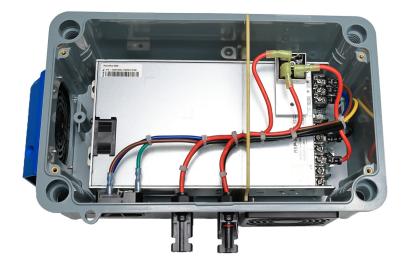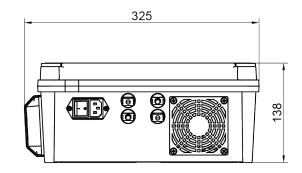## Mounting options

- Wall or panel mount using 4 holes with weather protection

Dimensions and weight

- See drawing for mm measurements
- Max height 220 mm (8.7")
- Max width 325 mm (12.8")
- depth 138 mm (5.4")
- Weight 2.9 kg (6.4 lbs)

325

138

325

220

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