

PowerPack 2000S

DC power supply for PS2-1800 and PS2-600 pump systems

Description

The PowerPack 2000S is an outdoor rated power supply unit which allows LORENTZ PS2-1800 and PS2-600 systems to be powered from an AC (mains voltage) power source. The PowerPack 2000S can be used as a continuous power supply, in conjunction with PV modules or as a temporary or seasonal power supply.

Features

- DC power supply to power LORENTZ solar pump systems from the grid or a generator
- Single phase powered device
- Robust weatherproof housing
- Wall or panel mount possible
- Efficiency up to 93%
- External on / off switch plus LED indicator
- Forced air cooling by built-in fans
- Protections against short circuit, overload, over voltage, over temperature, fan failure



photo may differ from actual product

Technical data / Specifications

	PowerPack 2000S
Pump systems	PS2-1800 / PS2-600
AC input voltage	Single phase 200-240 V AC \pm (10%)
AC current	20 A / 180 V AC 16 A / 230 V AC
Frequency	47-63 Hz
PV input PS2-1800	Max. 200 V DC (solar)
PV input PS2-600	Max. 150 V DC (solar)
DC output PS2-1800	up to 200 V DC (solar) 160 V DC (PowerPack) 12-14 A
DC output PS2-600	up to 150 V DC (solar) 135 V DC (PowerPack) 12-14 A
Working ambient temp.	-20~ + 45°C (-4°F to 113°F)
IP class	IP33
Remote control	On-Off control function
Housing material	Steel box

Additional certifications concerning the inbuilt power supply:



BERNT LORENTZ GmbH

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All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. Pictures may differ from actual products depending on local market requirements and regulations.

Sun. Water. Life.

Order information

Item number	Description
19-001057	PowerPack 2000S

Figure 1 key

A	280 mm / 11 in
B	350 mm / 13.8 in
C	140 mm / 5.5 in
D	334 mm / 13.1 in
E	384 mm / 15.1 in
F	180 mm / 7.1 in

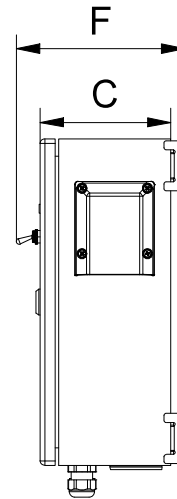
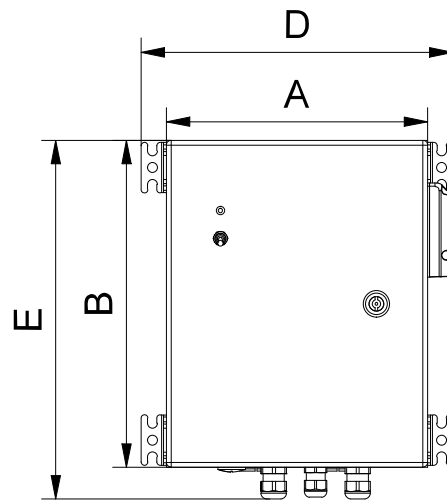
Mounting

- Fixing pattern for holes: 310 x 292 mm / 12.2 x 11.5 in

Dimensions and weight

Package height	450 mm (17.7 in)
Package width	350 mm (13.8 in)
Package depth	230 mm (9 in)
Packed volume	0.036 m ³ (1.27 ft ³)
Gross weight	9.5 kg (20.9 lbs)
Net weight	8.5 kg (18.7 lbs)

Figure 1: Product dimensions



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