

# 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

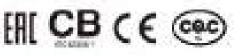


#### Technical data / Specifications

	PowerPack 2000S
Pump systems	PS2-1800 / PS2-600
AC input voltage	Single phase 200-240 V AC ± (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:







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#### Order information

Item number	Description
19-001057	PowerPack 2000S

## Figure 1 key

А	280 mm / 11 in
В	350 mm / 13.8 in
С	140 mm / 5.5 in
D	334 mm / 13.1 in
Е	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 m³ (1.27 ft³)
Gross weight	9.5 kg (20.9 lbs)
Net weight	8.5 kg (18.7 lbs)

Figure 1: Product dimensions

