

# SmartPSUk2

**AC/DC Converter to Supply PSk2 Pump Systems with Power from a Generator or Grid Supply**

## ORDER INFORMATION

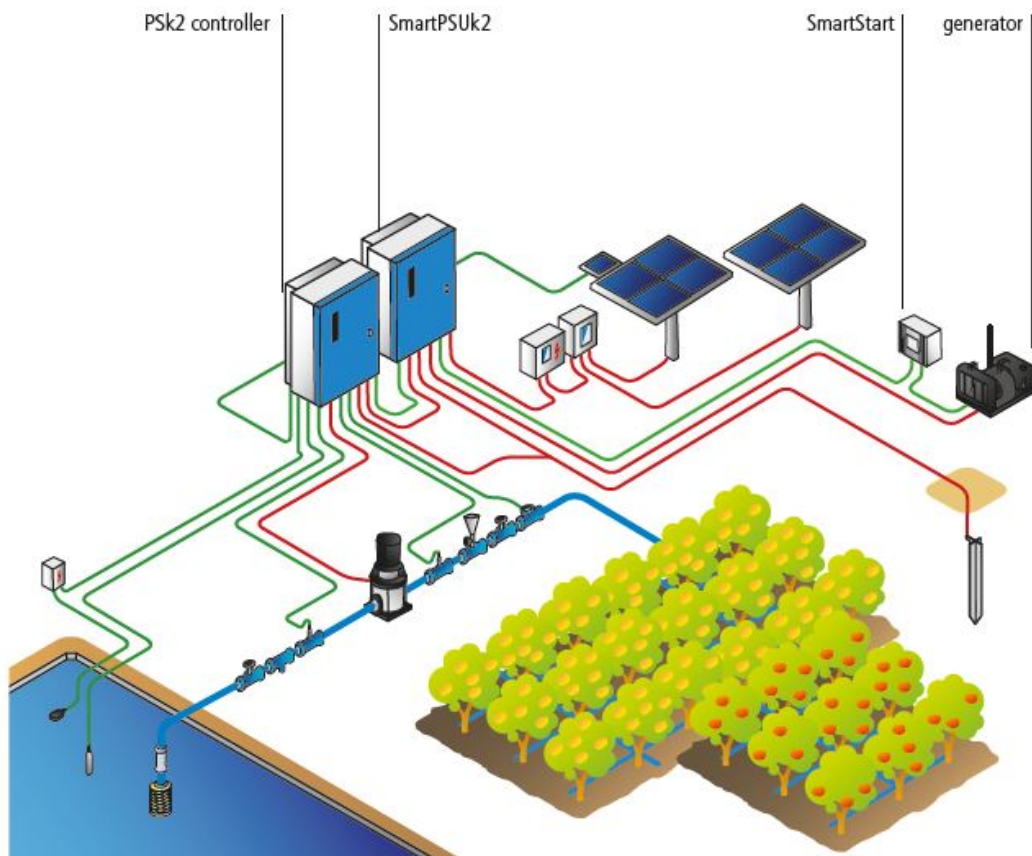
- Item no.: 19-002585    Product name: SmartPSUk2

## FEATURES

- Provides DC power to PSk2 pump controllers from AC and DC sources
- Blends solar power (DC) with AC power from the grid or generator
- Part of the PSk2 SmartSolution for hybrid powering of water pumping systems
- Data link to PSk2 for control and monitoring
- Integrated overheat protection and active cooling



## SmartSolution OVERVIEW



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**Sun. Water. Life.**

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.

## TECHNICAL DATA

- Compatible with PSk2-xx pump controllers (from July 2016)
- 3-Phase AC input
  - 380 – 415 V ( $\pm 10\%$ )
  - 50 Hz/60 Hz
  - max. 38 kW (48 kVA)
- PV max open circuit voltage: 850 V DC
- DC output
  - $U_{\max} = 850$  V DC
  - $I_{\max} = 70$  A
- Enclosure class: IP54, stainless steel powered coated case
- Ambient temperature: -10 to 50°C

## PRODUCT CONTENT

The SmartPSUk2 comes with a cable to connect to the PSk2 Controller (1.00 m) and a back plate for mounting on non-flat surfaces.

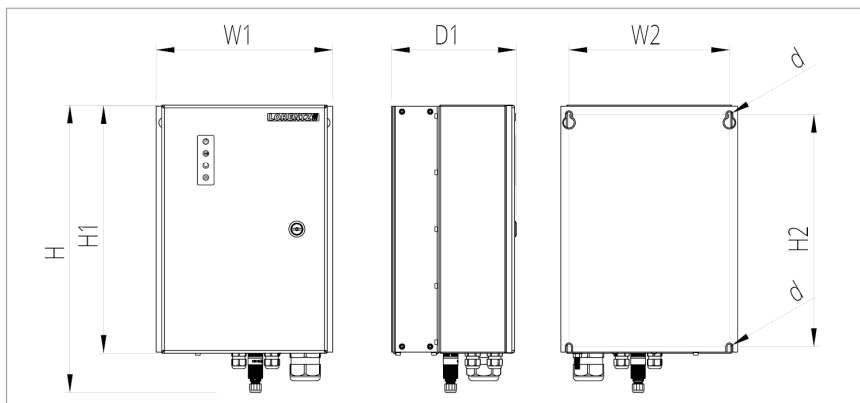
## STANDARDS

- Meets the requirements for CE



## DIMENSION/WEIGHT

- Packing dimensions: 560 x 400 x 340 mm (22.0 x 15.7 x 13.4 in)
- Net weight: 18 kg (39 lbs)



Model	Dimension [mm]							Net Weight [kg]
	W1	W2	H	H1	H2	D1	d	
all	320	290	500	450	421	226	9	18