

# Lorentz PSk2-25 Controller

## Controller for Solar Submersible Pump System

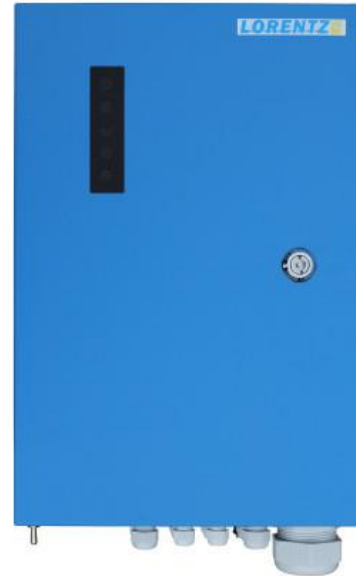
### System Overview

### Technical Data

#### Controller PSk2-25

- High efficiency solar pump controller
- Hybrid power (solar / grid / generator) support with LORENTZ SmartSolution
- Inputs for water meter, pressure sensors, digital switches
- Simple configuration with LORENTZ PumpScanner Android App
- Onboard data logging and system monitoring
- Inbuilt applications for constant pressure, constant flow and daily amount
- Integrated Sun Sensor
- Active temperature management
- Integrated MPPT (Maximum Power Point Tracking)

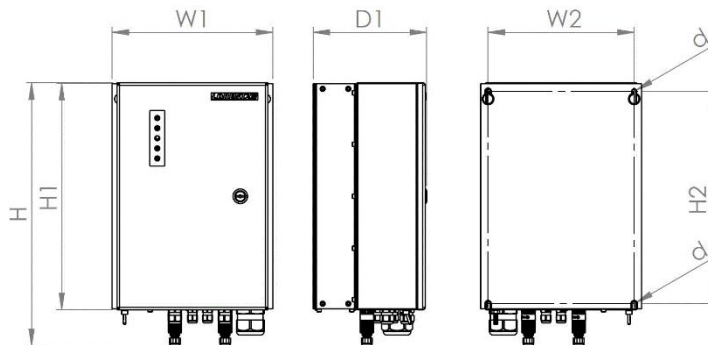
Power	max. 25,0 kW
Input voltage	max. 850 V
Optimum Vmp**	> 575 V
Motor current	max. 40 A
Efficiency	max. 98 %
Ambient temp.	-30...50 °C
Enclosure class	IP54
Net Weight	18kg



### Dimensions and Weights

#### Controller

H	= 500 mm
H1	= 450 mm
H2	= 421 mm
W1	= 320 mm
W2	= 290 mm
D	= 9,0 mm
D1	= 226 mm



### Standards



2006/42/EC, 2004/108/EC, 2006/95/EC

IEC/EN 61702:1995

The logos shown reflect the approvals that have been granted for this product family. Products are ordered and supplied with the approvals specific to the market requirements.

\*\*Vmp: MPP-voltage under Standard Test Conditions (STC): 1000 W/m<sup>2</sup> solar irradiance, 25 °C cell temperature

\*\*\*Specify temperature range on order

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