

PS15k C-SF32-60-2

Solar surface pump system

Applications

- Drinking water supply
- Pond management
- Irrigation
- Livestock watering
- Pressurizing systems

Characteristics

- Fast, failure-free installation
- Excellent serviceability
- High reliability and life expectancy
- Short Return of Investment (ROI) cycle
- Lower Total Cost of Ownership (TCO)

Technical data

| | |
|--------------------|---------------------------|
| Total dynamic head | max. 80 m |
| Flow rate | max. 41 m ³ /h |
| Vmp* | > 575 V |
| Voc | max. 800 V |

Standards

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

IEC/EN 61702:1995,
IEC/EN 62253 Ed.1

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.



Components

Controller: PS15k

- Controlling and monitoring
- Control inputs for dry running protection, remote control etc.
- Protected against reverse polarity, overload and overtemperature
- Integrated MPPT (Maximum Power Point Tracker)

Motor:

- Highly efficient 3-phase AC motor
- Frequency 50 Hz
- Enclosure Class IP55

Pump end: PE C-SF32-60-2

- High reliability and life expectancy
- Premium materials
- Optional: dry running protection

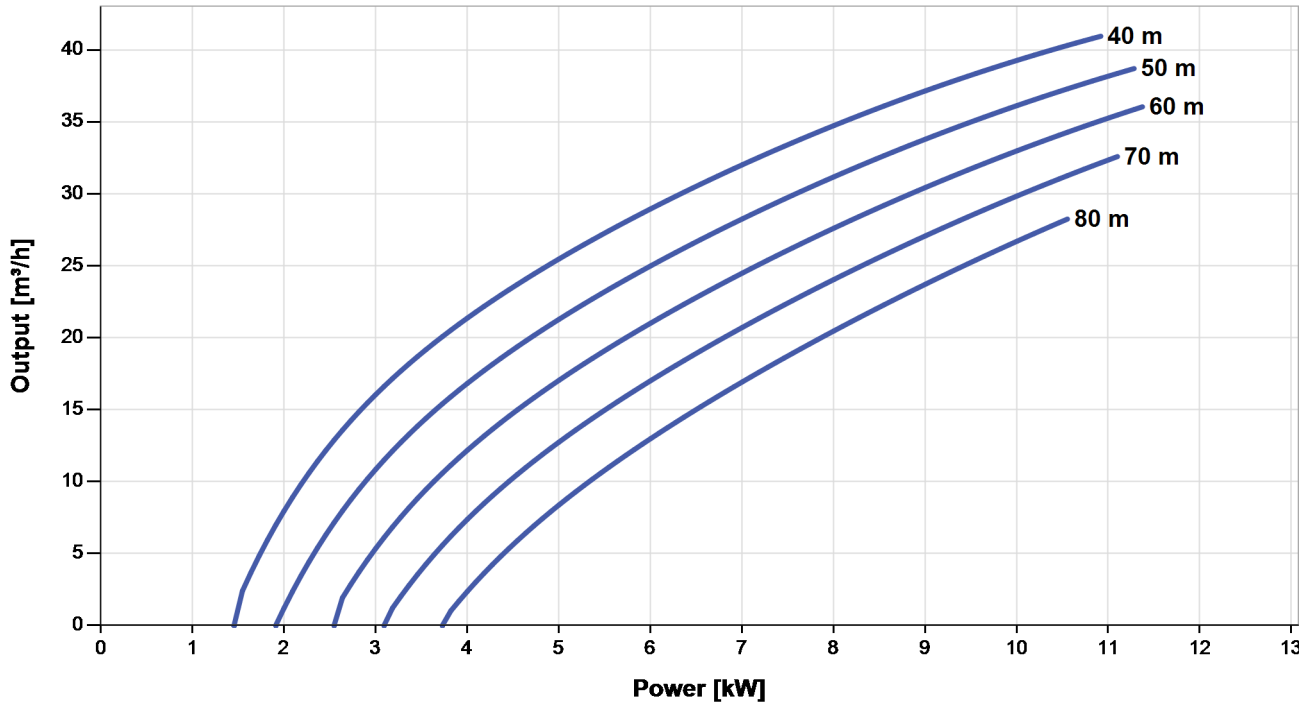


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Pump chart

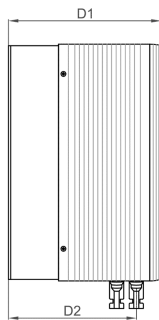
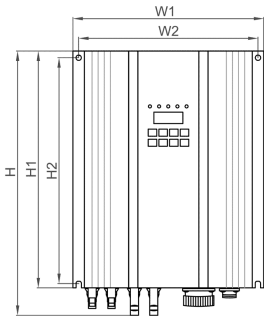
V_{mp}* > 575 V



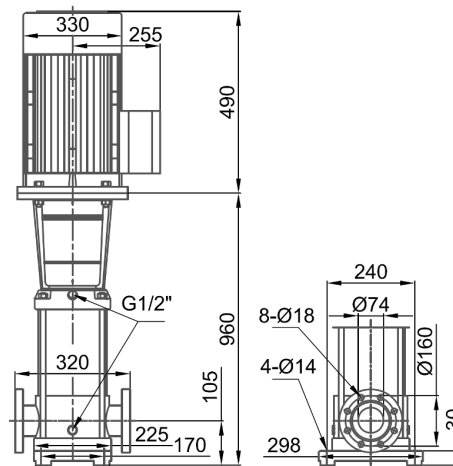
Dimensions and weights

Controller

H = 350 mm
 H1 = 310 mm
 H2 = 295 mm
 W = 250 mm
 W1 = 235 mm
 D = 200 mm
 D1 = 200 mm
 D2 = 167 mm



Pump unit [mm]



| | Net weight |
|------------|------------|
| Controller | 9,0 kg |
| Pump unit | 185 kg |
| Motor | 107 kg |
| Pump end | 78 kg |

*V_{mp}: MPP-voltage under Standard Test Conditions (STC): 1000 W/m² solar irradiance, 25 °C cell temperature

