

PS4000 C-SJ60-2-

Solar submersible pump system for 6" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

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

Item #	1285
Total dynamic head	max. 16 m
Flow rate	max. 61 m ³ /h
Vmp**	> 238 V
Voc	max. 375 V



Components

Controller: PS4000

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)

Motor: ECDRIVE 4000-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

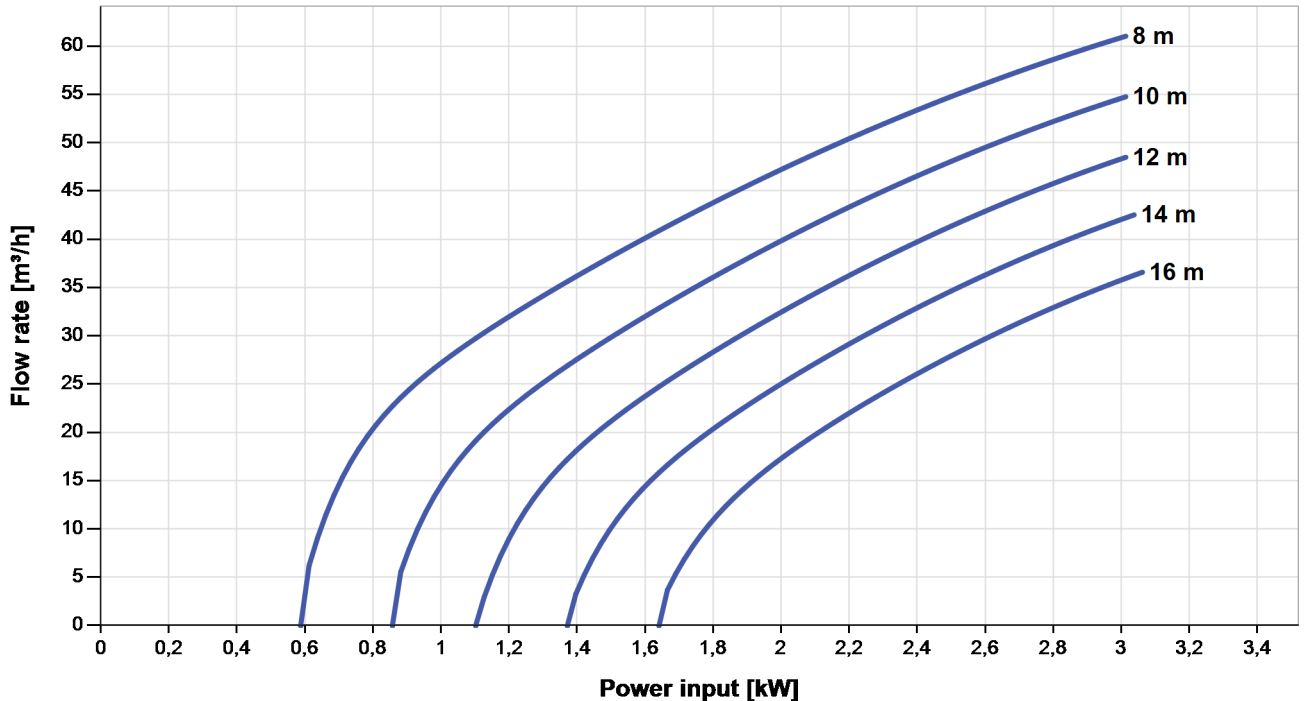
Pump end: PE C-SJ60-2-B

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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Pump chart

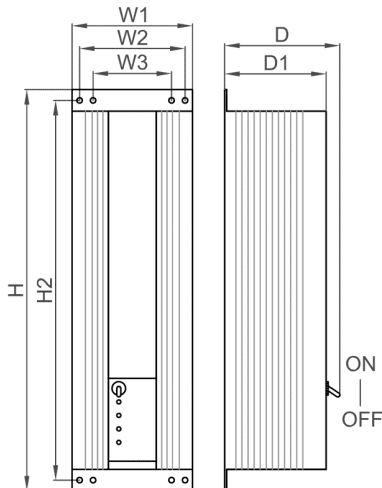
Max. power voltage (Vmp**): > 238 V



Dimensions and weights

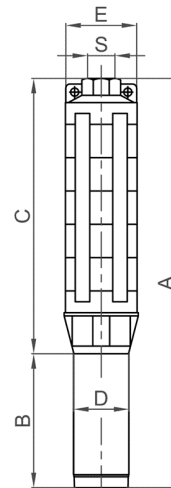
Controller

H = 595 mm
H2 = 563 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 726 mm
B = 245 mm
C = 481 mm
D = 96 mm
E = 150 mm
S = 4 in



	net weight	packaging	shipping volume	gross weight
Controller	9,0 kg	670x250x240 mm	0,040 m³	9,9 kg
Pump unit	19 kg	850x160x150 mm	0,020 m³	20 kg
Motor	10 kg	160x140x400 mm	0,009 m³	10 kg
Pump end	9,0 kg	510x240x300 mm	0,037 m³	9,7 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C