

PS4000 C-SJ8-15

Solar submersible pump system for 4" 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 #	1282
Total dynamic head	max. 80 m
Flow rate*	max. 14 m ³ /h
Vmp**	> 238 V
Voc	max. 375 V
Pump type	centrifugal



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-SJ8-15

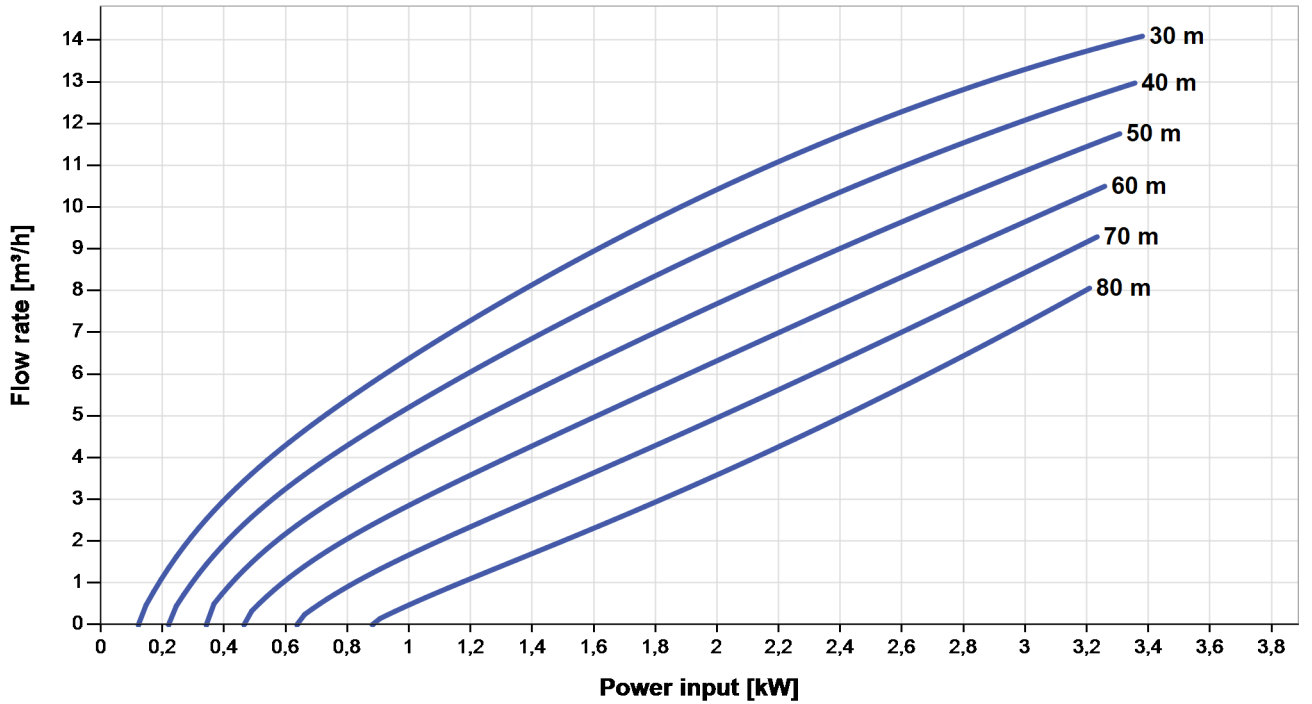
- high life expectancy
- non-return valve
- premium materials
- optional: dry running protection

PS4000 C-SJ8-15

Solar submersible pump system for 4" wells

Pump chart

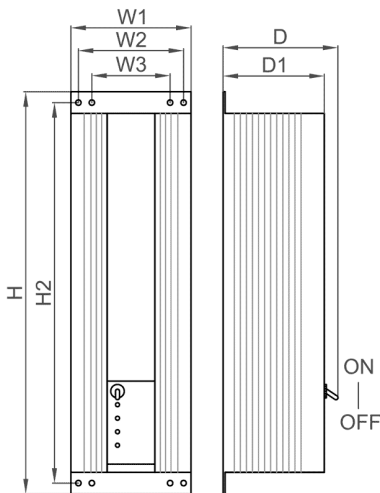
Max. power voltage (Vmp**): > 238 V



Dimensions and weights

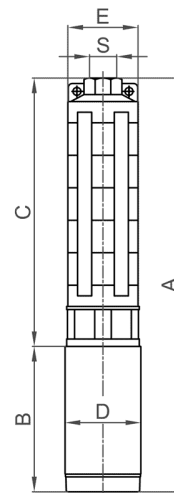
Controller

- H = 23 in
- H2 = 22 in
- W1 = 7.0 in
- W2 = 6.1 in
- W3 = 4.6 in
- D = 6.5 in
- D1 = 5.9 in



Pump unit

- A = 44 in
- B = 9.6 in
- C = 34 in
- D = 3.8 in
- E = 3.9 in
- S = 2 in



	net weight	packaging	shipping volume	gross weight
Controller	9.0 kg	26x9.8x9.4 in	0.040 m³	9.9 kg
Pump Unit	21 kg	50x6.3x6.3 in	0.033 m³	22 kg
Motor	10 kg	6.3x5.5x16 in	0.009 m³	10 kg
Pump End	11 kg	38x6.3x5.9 in	0.023 m³	11 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