

PS600 CS-17-1

Solar surface pump system

Applications

- Swimming pool filtration
- Pond management
- Irrigation

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. 40 ft
Flow rate	max. 78 USG/min
Vmp*	> 68 V
Voc	max. 150 V

Standards

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

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: PS600

- 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)
- Low voltage disconnect for battery operation

Motor: ECDRIVE 600 CS-17

- Maintenance-free brushless DC motor
- No electronics in the motor

Pump end: PE CS-17-1

- High reliability and life expectancy
- Suction headmax. 10 ft
- Premium materials
- Optional: dry running protection

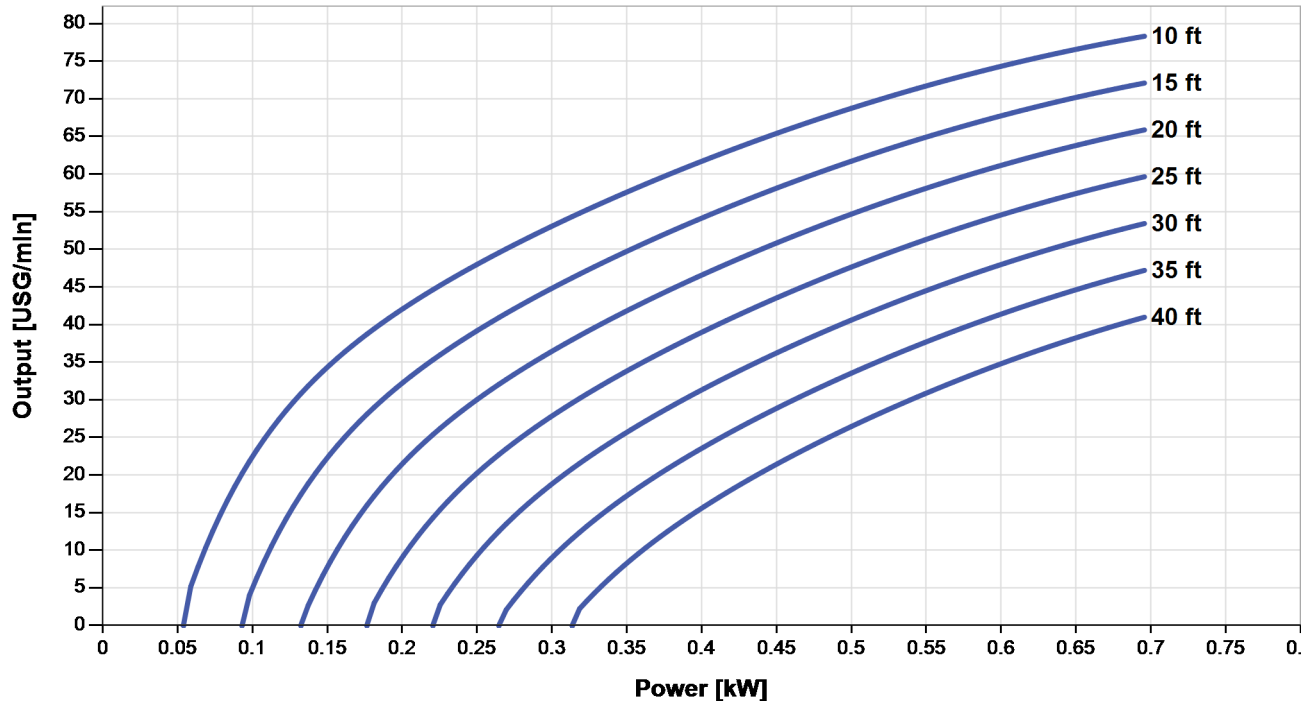


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Pump chart

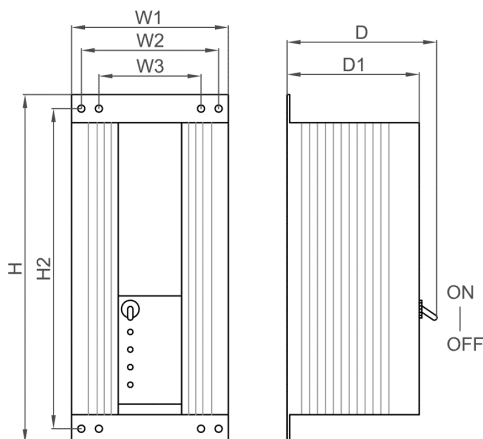
Vmp* > 68 V



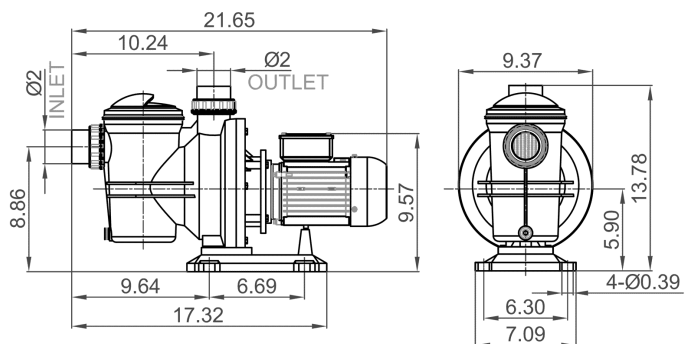
Dimensions and weights

Controller

H = 16 in
H2 = 14 in
W1 = 7.0 in
W2 = 6.1 in
W3 = 4.6 in
D = 6.5 in
D1 = 5.9 in



Pump unit [in]



	Net weight
Controller	9.9 lbs
Pump unit	19 lbs
Motor	15 lbs
Pump end	3.8 lbs

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

