

# SPM1200HS

## Permanent Magnet Solar Pump

### Performance

Water Head	178 - 64 m
Daily Water Flow	3 - 11.5 m <sup>3</sup>

### Technical Data

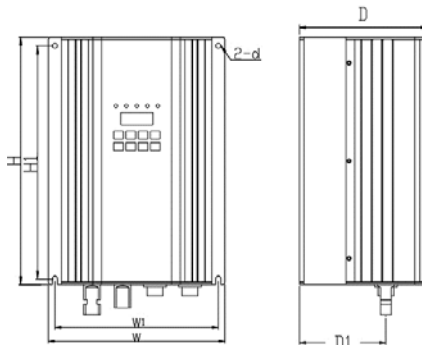
Pump Specifications	Helical Rotor Pump 110V 110Hz
Pump Outlet Dia.	1"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1200D
Inverter Power	1200 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	120-160 V
Inverter Ambient Temperature	-20 ~ 60 °C
Pump Model	SPM4-1.4-1.1HS
Motor Power	1.1 kW
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C



### Dimension, Weight and Material

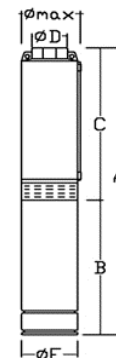
#### Inverter

W = 202 mm
H = 284 mm
D = 146 mm
W1 = 187 mm
H1 = 272 mm
D1 = 113 mm
d = 6 mm



#### Pump

A = 709 mm
B = 351 mm
C = 358 mm
ΦD = G1"
ΦE = 95 mm
Φmax = 100 mm



Solar Pump Net Weight	15.5 kg	Pump Screw Material	AISI 304
Solar Pump Gross Weight	17.4 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.04 m <sup>3</sup>	Inverter Enclosure Material	Aluminium Alloy

### Relevant Information

#### Warranty

Inverter	3 years
Pump	1 year

#### Standards



EN 61000-6-3:2007+A1:2011  
 EN 61000-6-1:2007  
 EN 60335-1:2012  
 EN 60335-2-41:2003  
 +A1:2004+A2:2010

\*All specifications and information are provided with good intent, products may be subject to change without notice.

### Performance Curve

Solar Radiation : 6kWh/m<sup>2</sup>/day

