

SPM600HS

Solartech Permanent Magnet Solar Pump

Performance

Water Head	80 - 18 m
Daily Water Flow	2 - 18 m ³

Technical Data

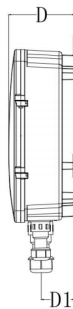
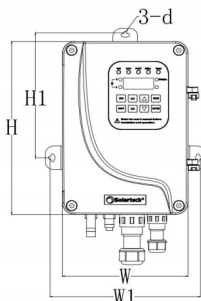
Pump Specifications	Helical Rotor Pump 48V 110Hz
Pump Outlet Dia.	1"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM600SP
Inverter Power	600 W
Max. DC Input Voltage	100 V
Recommended MPP Voltage	48-80 VDC
Inverter Ambient Temperature	-20 ~ 60 °C
Pump Model	SPM4-2-0.6HS
Motor Power	0.6 kW
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C



Dimension, Weight and Material

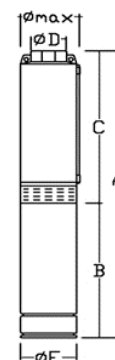
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 182 mm
H1 = 159 mm
D1 = 40 mm
d = 4.2 mm



Pump

A = 551 mm
B = 305 mm
C = 246 mm
ΦD = G1"
ΦE = 95 mm
Φmax = 100 mm



Solar Pump Net Weight	10.6 kg	Pump Screw Material	AISI 304
Solar Pump Gross Weight	12.3kg	Pump Body Material	AISI 304
Solar Pump Volume	0.04 m ³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

Standards



EN 60335-1:2012+A11:2014
 EN 60335-2-41:2003+A1:2004+A2:2010
 EN 62109-1:2010
 EN 62109-2:2011

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

Performance Curve

Solar Radiation : 6kWh/m²/day

