

SPPM30500H025

Permanent Magnet Solar Pump

Performance

Water Head	30 - 1 m
Daily Water Flow	10 - 25 m ³

Technical Data

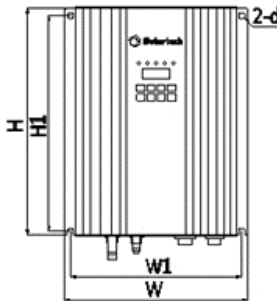
Pump Specifications	Helical Rotor Pump 48V 110Hz
Pump Outlet Dia.	25 mm, 1"
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM600D
Inverter Power	600 W
Max. DC Input Voltage	150 V
Recommended MPP Voltage	60-120VDC
Inverter Ambient Temperature	-20 ~ 60 °C
Pump Model	SPM3-1.9-0.5H
Pump Power	0.5 kW
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C



Dimension, Weight and Material

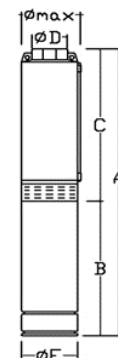
Inverter

W = 202 mm
H = 244 mm
D = 146 mm
W1 = 187 mm
H1 = 232 mm
D1 = 113 mm
d = 6 mm



Pump

A = 510 mm
B = 312 mm
C = 198 mm
ΦD = 1"
ΦE = 70 mm
Φmax = 75 mm



Solar Pump Net Weight	9.4 kg	Pump Screw Material	AISI 304
Solar Pump Gross Weight	10.8 kg	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 61000-6-3:2007+A1:2011
	EN 61000-6-1:2007
	EN 60335-1:2012
	EN 60335-2-41:2003
	+A1:2004+A2:2010

Performance Curve

 Solar Radiation : 6kWh/m²/day
