

SPPM401200C033

Permanent Magnet Solar Pump

Performance

Water Head	43 - 22 m
Daily Water Flow	18 - 33 m ³

Technical Data

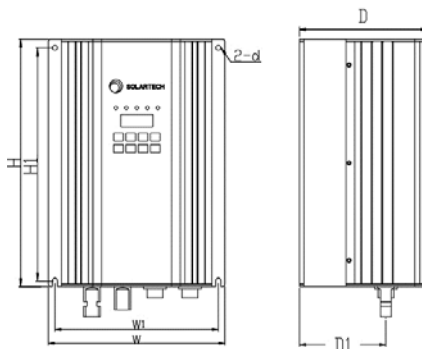
Pump Specifications	Centrifugal Pump 110V 110Hz
Pump Outlet Dia.	40 mm, 1"1/2
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1200D
Inverter Power	1200 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	120-160 V
Inverter Ambient Temperature	-20 ~ 60 °C
Pump Model	SPM4-4.5-1.1C
Pump Power	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

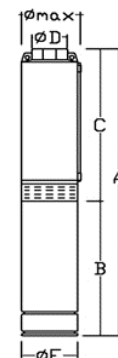
Inverter

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



Pump

A = 830 mm
B = 352 mm
C = 478 mm
ΦD = 1"1/2
ΦE = 95 mm
Φmax = 100 mm



Solar Pump Net Weight	17.9 kg
Solar Pump Gross Weight	19.7 kg
Solar Pump Volume	0.05 m ³


Pump Impeller Material	POM
Pump Body Material	AISI 304
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
