

SPM41800C036

Solartech Permanent Magnet Solar Pump

Performance

Water Head	59 - 39 m
Daily Water Flow	18 - 36 m ³

Technical Data

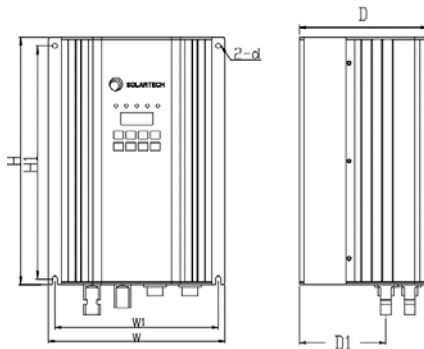
Pump Specifications	Centrifugal Pump 110V 110Hz
Pump Outlet Dia.	1"1/2
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1800D
Inverter Power	1800 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	120-160 V
Inverter Ambient Temperature	-20 ~ 60 °C
Pump Model	SPM4-4-1.5C
Motor Power	1.5 kW
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C



Dimension, Weight and Material

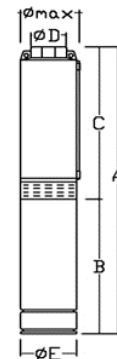
Inverter

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



Pump

A = 1012 mm
B = 375 mm
C = 637 mm
ΦD = 1"1/2
ΦE = 95 mm
Φmax = 100 mm



Solar Pump Net Weight	18.5 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	21 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

