

# SPPM601800C095

## Permanent Magnet Solar Pump

### Performance

Water Head	27 - 20 m
Daily Water Flow	64 - 95 m <sup>3</sup>

### Technical Data

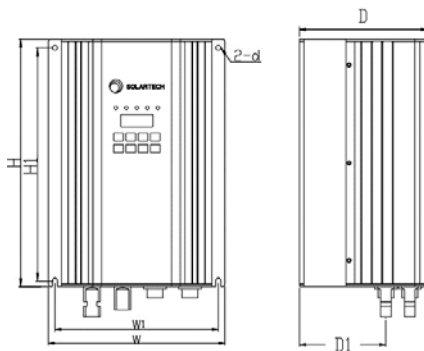
Pump Specifications	Centrifugal Pump 110V 110Hz
Pump Outlet Dia.	65 mm, 2"1/2
Adapting Well Dia.	200 mm
Solar Pumping Inverter Model	PM1800D
Inverter Power	1800 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	120-160 V
Inverter Ambient Temperature	-20 ~ 60 °C
Pump Model	SPM6-12-1.5
Pump Power	1.5 kW
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C



### Dimension, Weight and Material

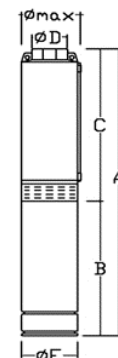
#### Inverter

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



#### Pump

A = 860 mm
B = 375 mm
C = 485 mm
ΦD = 2"1/2
ΦE = 95 mm
Φmax = 100 mm




Solar Pump Net Weight	23.5 kg	Pump Impeller Material	PPO
Solar Pump Gross Weight	27.1 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

### Performance Curve

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