

# SPA47K5100

## Solartech Solar Pump

### Performance

Water Head	87 - 57 m
Daily Water Flow	60 - 100 m <sup>3</sup>

### Technical Data

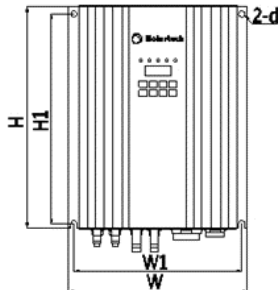
Pump Specifications	3PH 380V 50Hz
Pump Outlet Dia.	50 mm, 2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PB11KH
Inverter Power	11 kW
Max. DC Input Voltage	750 VDC
Recommended MPP Voltage	500 - 600 VDC
Inverter Ambient Temp.	-10 ~ 50 °C
Pump Model	SP4-10-7.5
Pump Power	7.5 kW
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temp.	1 - 35 °C



### Dimension, Weight and Material

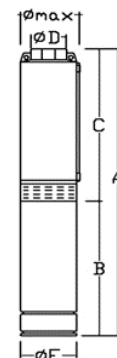
#### Inverter

W = 250 mm
H = 310 mm
D = 200 mm
W1 = 235 mm
H1 = 295 mm
D1 = 167 mm
d = 7 mm



#### Pump

A = 3457 mm
B = 841 mm
C = 2616 mm
ΦD = 2"
ΦE = 95 mm
Φmax = 100 mm



Solar Pump Net Weight	56.2 kg
Solar Pump Gross Weight	61.5 kg
Solar Pump Volume	0.12 m <sup>3</sup>


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

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

### Performance Curve

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

