

SPA41K5130

Solartech Solar Pump

Performance

Water Head	10 - 7 m
Daily Water Flow	100 - 130 m ³

Technical Data

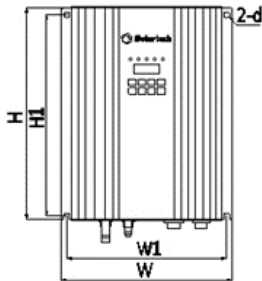
Pump Specifications	3PH 220V 50Hz
Pump Outlet Dia.	50 mm, 2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PB2200L
Inverter Power	2.2 kW
Max. DC Input Voltage	450 VDC
Recommended MPP Voltage	280 - 350 VDC
Inverter Ambient Temp.	-10 ~ 50 °C
Pump Model	SP4-14-1.5
Pump Power	1.5 kW
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temp.	1 - 35 °C



Dimension, Weight and Material

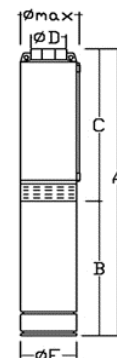
Inverter

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



Pump

A = 925 mm
B = 441 mm
C = 484 mm
ΦD = 2"
ΦE = 95 mm
Φmax = 100 mm



Solar Pump Net Weight	21.5 kg
Solar Pump Gross Weight	25.6 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

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

Performance Curve

Solar Radiation : 6kWh/m²/day

