

SSC2.2 Solar Pump



WATERBOY
SOLAR PUMPING SOLUTIONS



WATERBOY solar pump systems offer state of the art solar pump technology at a very competitive price. Highly reliable and durable, WATERBOY solar pumps and controllers are backed by a 2 year warranty, designed to withstand our harsh Australian water and incorporate the best features of all the solar pumps on the market and compress all this technology into a compact, robust & highly efficient pumping system.

The pump assembly is stainless steel. The SSC2.2 Solar Pump uses a centrifugal wet end coupled to a brushless DC motor. The motor is electronically communicated to by a fully adjustable MPPT pump controller housed in a weather proof enclosure for easy installation, access and operation.

The WATERBOY SSC2.2 Solar Pump systems consist of a surface mount pump and motor combination that uses a bronze impeller and has a 1” inlet and outlet. The motor is fan cooled.

Features

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- High Efficiency
- Remote switching

Benefits

- Lift up to 25m
- Flow rate up to 2.2m³/h
- Simple installation
- Maintenance-free
- High reliability & life expectancy

Applications

- Drinking water supply
- Livestock watering
- Irrigation
- Water transfer



Sand & Silt Tolerance

Continual sand and silt pumping will damage the pump and block impeller causing a reduction in flow.

Warranty

Two years manufacturer’s warranty against defects in material and workmanship, from date of installation.

Pump End

Max flow rate	2.2m ³ /h
Max lift	25m
Water temperature	up to 40°C

Solar Pump Controller

Input voltage	Nominal 36-48 DC Max open circuit-100 Voc
Timer adjustment	0-30 minutes
Speed control	Approx 30% flow reduction

Motor

Power rating	210w
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Total Lift	270w (3x90w)		360w (4x90w)	
	LPM	LPD	LPM	LPD
5	35	12600	38	13680
10	27	9720	35	12600
15	18	6480	27	9720
20	7.5	2700	18	6480
25			10	3600

LPM - Liters per minute, LPD - Liters per day. Daily flow based on 6 PSH