

# SOLAR POOL PUMP

## TSP



The TSP solar pool pump is changing energy consumption, operating costs, water quality, and decreased CO<sup>2</sup> emissions for swimming pools and ponds, thanks to its highly advanced motor technology. Along with its many other benefits, the TSP is built with silent operation in mind.

The TSP system is easy to install and operate that makes it ideal for the domestic and industrial market. It features latest MPPT technology that optimise's the power supplied by the PV panels.

### Product Feature:

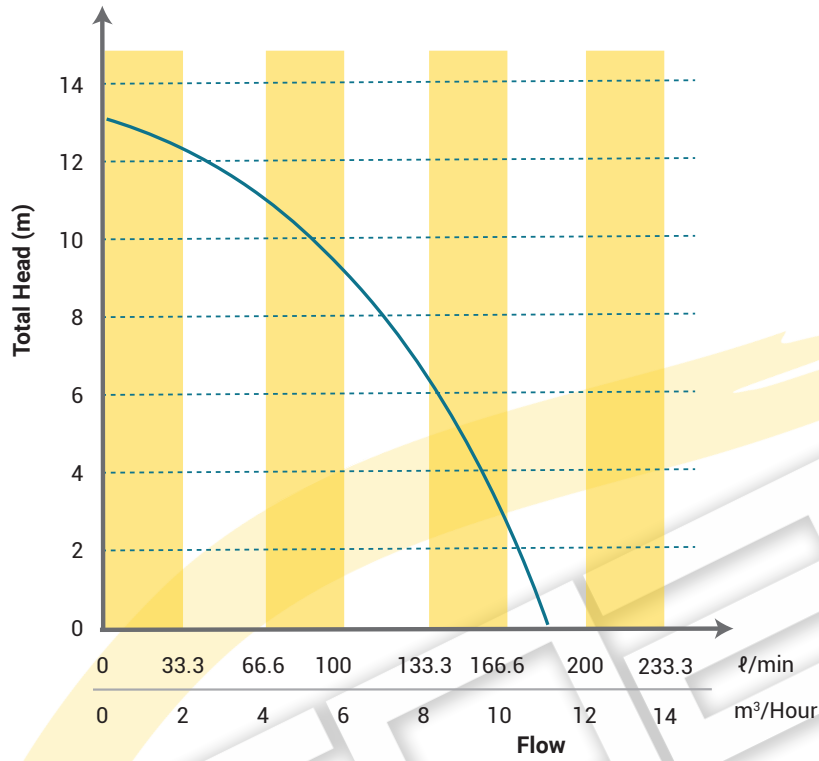
- Permanent magnet, brush-less motor, saving energy and offering maximum efficiency.
- NSK bearing with alloy mechanical seal.
- MPPT software offers higher utilization rate of solar energy.
- Automatic Stop | Start.
- Over Voltage Protection
- Soft start protection.
- Over current protection.
- Max Flow: 11 000L/h
- Max Head: 13m
- Motor Speed 500 - 4000rpm
- Discharge 40mm
- Power ` 500watt
- Voltage DC48

### Working Conditions:

- Max pumped liquid temperature: 60°C
- Max control box temperature: 60°C

MODEL	DC MOTOR VOLTAGE (V)	MAX INPUT DC V.O.C (V)	MAX INPUT AMPERAGE	POWER (WATT)	MAX FLOW (m <sup>3</sup> /h)	MAX HEAD (m)	OUTLET (INCH)	CABLE SIZE
TSP500-13/11B	48	96	17	500	11	13	1½"	3 Core 2mm <sup>2</sup>

### Performance Data:



Model	Flow	l/min	0	33.3	66.6	100	133.3	166.6	200	233.3
		l/hour	0	2	4	6	8	10	12	14
TSP500-13/11	HEAD		13	12.5	11	9	6.5	2.5		

