

SXT 500 Solar Pump



The SXT range of pumps have been specifically designed to be powered from a solar pv panel. The pumps feature a very low start-up voltage, so that they are less inclined to stall when a cloud passes overhead.

The SXT pumps are also designed to last – with excellent build quality, ceramic (low friction) bearings and rotor and a wide range of spare parts being available from the manufacturers.

The pumps are supplied with a fountain nozzle attachment or they can be used with 13mm / 14mm internal diameter flexible pipe.

Specifications	
Operating voltage DC	2.1v - 24v
Maximum current	500mA
Fuse	1A
Maximum pump rate, litres/hour	450
Max Lift	1m
Maximum useable head @ 24 volt (battery)	1.8m
Maximum useable head @ 18 v (solar panel)	1.3m
Fountain Spray Height @ 18v (solar panel)	TBC
Outlet size (outside dimension)	13mm
Inlet (outside dimension)	25.4mm
Operating temperature	0 -55 degrees C
Pumping medium	Fresh water only
Dimensions overall with filter and base plate (mm)	250L x 90W x 100H
Weight	400gm
Cable length	5m + Custom length on solar pv panel
Recommended solar panel wattage	20 watts or greater
Warranty	2 year

Graph of SXT500 Pump output, running from 30w Solar PV Module in good sun.

