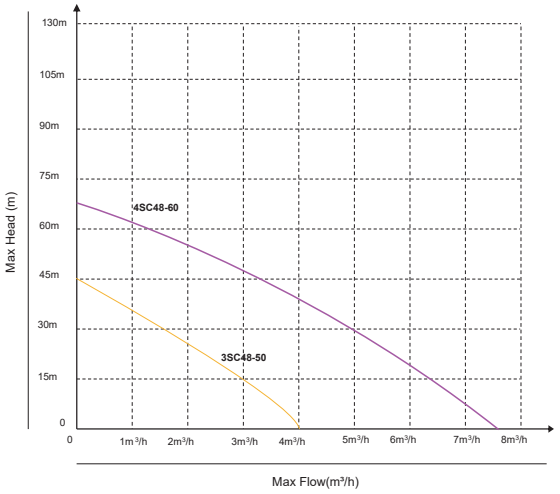
SUNKET®-ESS



Solar Water Pump System

- High efficiency because of PMSM
- MPPT function
- Longer life than normal AC water pump
- Over-load protection, Under-load protection
- Lock-rotor protection, thermal protection
- Dry running protection
- Water tower full protection

Flow Rate Curve



SUNKET®-ESS

Solar Water Pump System

Technical Data

Model	3SC48-50	4SC48-60
Voltage (V)	48	48
Best Input Voltage (DC)	36-88V	36-92V
Power (W)	500W	600W
Rated / Max Flow (m³/h)	2/4	2/7.5
Rated / Max Head (m)	35/45	40/70
Outlet Dia (Inch)	1.25	1.25
Open Circuit Voltage (VOC)	＜100	＜100
Solar Panels Suggestion Voc Range (V)	36V	36V
Solar Panels Suggestion Power (W)	250-270W	250-270W
Solar Panels Suggestion Quantity (pcs)	2	2
Weight	7kg	9kg
Height	660mm	760mm
Diameter	76mm	100mm

Material of Parts

Pump head	Copper
Pump body	SS304
Impeller	POM
Bearing	NSK brand
Cable	3m
Cooling method	Oil cooling
Motor	permanent magnetic synchronous

Project Cases










Specifications are subject to change without further notification
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