



electrahertz
electrical suppliers

500W 1.4m³h SOLAR SUBMERSIBLE PUMP

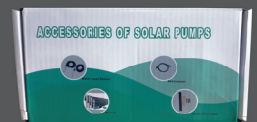
SYPSOS48V1.4MF500W

PUMP SPECIFICATIONS

- 48V | 500W
- 1.4m³h Max flow rate
- 120m Max head
- 3/4" Outlet size
- 3" Diameter

CONTROLLER SPECIFICATIONS

- 110VDC Rated voltage
- 12.5A Rated current
- 200VDC Max open circuit voltage
- 1200W Max power
- -20°C ~ +50°C Ambient temperature

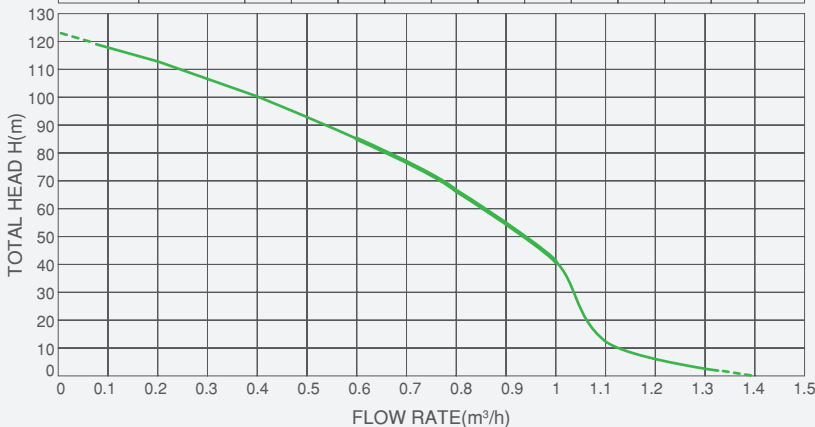


PV SOLAR PANELS SPECIFICATIONS (RECOMMENDED)

- 2 x 325 W PV Solar Panels in series
- ≥ 60 Peak voltage
- 45.6V Open circuit voltage (VDC)

PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
500W	H(m)	120	115	110	105	98	90	82	75	65	55	40	12



INCLUDES

- 500W Solar submersible pump
- Separate controller
- 1 x Heat shrinkable tube
- 1.5m cable with MC4 connector

EXCLUDES

- Mounting kit
- Cable (< 50m use 4mm² cable, > 50m use 6mm² cable)
- PV Solar Panels
- Batteries