

Solar Submersible Water Pump VP50E

Application

- Water or oil circulation.
- Solar water heat circulation
- Agricultural irrigation .
- Other Water boost equipment etc.

Feature

- small size with high efficiency,maintenance-free
- Brush-less dc control without pollution, long life span
- OEM and ODM service accept.
- Offer Pump related control system design.



Parameter

Parameter (only for reference, it can be customized)

Model	Voltage V	Rated Current A	Max flow L/MIN	Max head M	Power W
VP50E	12	3.6	20	8	43.2
	12	3.6	20	8	43.2
	24	3.6	25	15	86.4

Remarks The parameters above are for reference only, the one based on the customer's endorsement demands shall prevail!

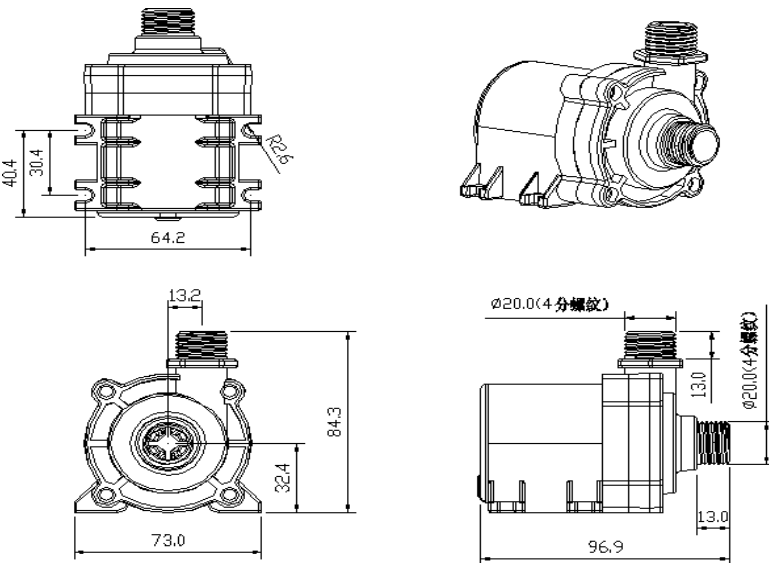
Notice

- Runs in the condition of the pump chamber without liquid is not allowed.
- Reversely connects the power polarity is not allowed.
- Filter measures should be taken when used in foul water environment.
- Runs in the acid and alkali environment is not allowed.
- Ambient temperature and fluid temperature should be within the rated temperature.
- Only DC power can be used.

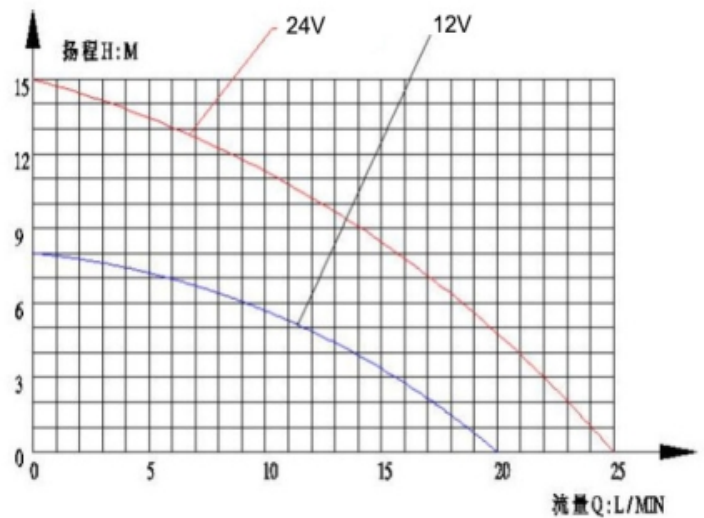
Specification

Specs

NO	Items	Specs
1	Sizes	96.9mm*73mm*84.3mm; weight 600g
2	Dimension of inlet	Thread nozzles: G1/2
3	Dimension of outlet	Thread nozzles: G1/2
4	Pump material	PA66+30%GF
5	Condition of use	Continuously
6	Fluids	Water, oil [Provide acid and alkali solution]
7	Ambient temperature	-10-85, or -10~100 °C with controller box
8	Max fluid temperature	60 or 100 °C with controller box
9	Power consumption	43.2W~86.4W(can be customized within this range)
10	Rated voltage	12Vdc,24Vdc
11	Voltage used	6Vdc ~ 14Vdc,12Vdc ~ 24Vdc
12	Noise	<40dB
13	Water proof class	IP68(Submersible installed optional)
14	Life span	More than 30000hrs
15	Power supply	Solar panel; DC electric source; battery



Dimension



Head-Flow curve graph