

## DC50F Series

### Product Appearance



T - series(2phase)



S - series(3phase)



A - series(3phase)

### Specifications

NO.	Item	Specs
1	Dimension and weight	109mmx91mmx71.5mm;480g
2	External diameter of outlet	1/2" thread(M20)
3	External diameter of inlet	1/2" thread(M20)
4	Driving mechanism	Brush-less, magnetic isolated design
5	Material of pump shell	ABS,PES/SPS/PPS/PA66+30%GF (Optional)
6	Condition of use	Can continuously work, submersible or land use (not self-priming)
7	Suitable medium	Water, oil, or normal acid/ alkaline liquids (Pre-test needed for special liquid)
8	Max working temperature	60°C(for T sub-series) or 100°C(for S/A sub-series)
9	Power consumption	2.5W~48W(for T sub-series) or 2.5W~86.4W(for S/A sub-series)
10	Rated voltage	12Vdc or 24Vdc
11	Working voltage range	5Vdc ~ 14Vdc or 5Vdc ~ 26Vdc
12	Max load current	2.0A (for T sub-series) or 4.5A(for S/A sub-series)
13	Max horizontal flow rate	18L/MIN(for T sub-series) or 26L/MIN(for S/A sub-series)
14	Max static lift	8M(for T sub-series) or 15M(for S/A sub-series)
15	Noise class	<40dB
16	Waterproof class	IP68(suitable for submersible installation)
17	Life span	>30,000hrsIP68(suitable for submersible installation)
18	Power supply	Suitable solar panel, batteries, adapter or other power source
19	Protection function	Dry-run protection, lock protection(customized function)
20	Power regulation function	Speed adjustable by PWM signal, 0~5V analog signal or potentiometer (functions are optional for customization)