

# TA50 Micro BLDC Pump



## Typical Applications

- Car Engine Pre-heating
- Heating System (Car Auxiliary Heaters, Parking Heaters)
- Electric Vehicles Water Circulation System
- Automobile engine cooling Circulator
- Normal Hot Water Circulation
- Liquid Transfer, General Purpose Pumping

## Features

- -45°C extreme low temperature cold start, extreme high temperature 125°C long and stable operation
- 20,000 hours long working life
- Vibration resistant
- Achieves high dust and water resistance rating IP67

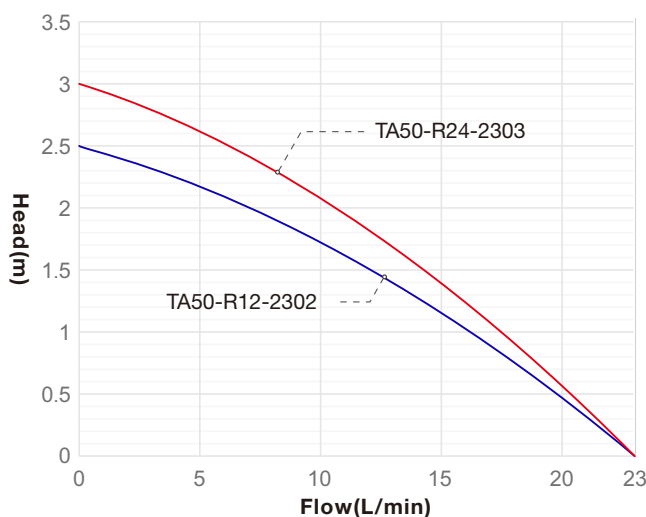
## Specification

Model	Product Code	Rated Voltage (VDC)	Max Water Flow (L/min)	Max Water Head (M)	Rated Current (A)	Rated Power (W)	At Max Efficiency Point	
							Rated Spec. (L/min @ M)	Rated Power (W)
TA50	TA50-R12-2302	12	23	2.5	1.25	15	12.71 @ 1.64	11.2
	TA50-R24-2303	24	23	3	0.75	18	12.71 @ 1.95	13.7
	TA50-B12-2302	12	23	2.5	1.25	15	12.71 @ 1.64	11.2
	TA50-B24-2303	24	23	3	0.75	18	12.71 @ 1.95	13.7

Customization: /FG (RPM) signal wire

- The data in the table is the measured performance when pure water is delivered at normal temperature.
- The maximum flow rate is the flow rate when water head is 0 meter, and the highest lift is the lift when water flow is 0 L/min.
- Noise ≤ 40dB(A)
- Working mode: Continuous
- IP level: IP67
- Coil Insulation class: Class H
- Ambient temperature: -45°C ~85°C
- Liquid temperature: -45°C ~125°C
- Do Not Run Pumps Dry.
- Pumps must be in a continuous flooded suction environment.

## Curve



## Dimension (mm)

