

## Electric Water Pump

The automotive electronic water pump's core function is to circulate coolant from the engine's hot side to the radiator for heat dissipation, ensuring the engine operates within a safe temperature range. It is typically equipped with an electric motor, pump, and sensor, and adjusts coolant flow based on engine temperature and load to boost efficiency and prolong engine life.



- Slow start protection
- PWM speed regulation
- Fault feedback protection
- Overvoltage and undervoltage protection
- Stalling protection
- Power reverse connection protection
- Built-in anhydrous protection, with dry turn protection function
- Low noise

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### • Energy Efficient

Our electric water pumps are engineered for energy efficiency, minimizing their draw on the vehicle's electrical system and enhancing fuel economy.

### • Improved Engine Cooling

Our electric water pumps provide steady and dependable water circulation to the engine for effective cooling and superior performance.

## • Wide Range of Working Temperature

Our automotive electronic water pumps operate within a temperature range of -50°C to 125°C.

## • Light and Compact

Small size, easy to install and can be integrated into most engine systems.

### Our offerings

Rated Voltage	Voltage Range	Water inlet and outlet diameter	Rated Power	Rated Flow	Max Head	Working Temperature	Protection
DC12V	DC9-18V	Φ20mm	55W	5m head, flow ≥0.02t/h	≥9.5m	- 40°C-100°C	IP67
DC12V	DC9-18V	Φ20mm	80W	5m head, flow ≥1.5t/h	≥9m	- 40°C-100°C	IP67
DC12V	DC9-18V	Φ20mm	100W	5m head, flow ≥2.0t/h	≥9m	- 40°C-100°C	IP67
DC12V	DC9-18V	Φ20mm	120W	11.5m head, flow ≥0.9t/h	≥13m	- 40°C-100°C	IP67
DC12V	DC9-18V	Φ25mm	100W	5m head, flow ≥2.0t/h	≥8.5m	- 40°C-100°C	IP67
DC12V	DC9-18V	Φ25mm	120W	11.5m head, flow ≥0.9t/h	≥13m	- 40°C-100°C	IP67
DC24V	DC18-28V	Φ20mm	80W	5m head, flow ≥1.8t/h	≥10m	- 40°C-100°C	IP67
DC24V	DC18-28V	Φ20mm	120W	11.5m head, flow ≥0.9t/h	≥13m	- 40°C-100°C	IP67
DC24V	DC18-28V	Φ25mm	100W	5m head, flow ≥2.5t/h	≥9m	- 40°C-100°C	IP67
DC24V	DC18-28V	Φ25mm	120W	11.5m head, flow ≥0.9t/h	≥13m	- 40°C-100°C	IP67
DC24V	DC18-28V	Φ38mm	120W	6m head, flow 3t/h	≥9m	- 40°C-100°C	IP67