

45W Electric Coolant Circulation Pump

This 45W electric coolant pump is designed for efficient and reliable coolant circulation. Its robust construction ensures durability and long-lasting performance in various applications.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Thermal Management

This 45W electric coolant circulation pump is engineered for superior thermal management in demanding environments. Featuring a brushless DC motor and advanced sine wave control algorithms, it delivers consistent, reliable flow with low noise output. Its robust construction utilizes high-strength, flame-retardant engineering plastics, ensuring exceptional durability and environmental adaptability in automotive and industrial cooling systems.

Performance Metrics

Rated Power

45 W Rated Power	12 V Rated Voltage	35 L/min Max Flow Rate
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Technical Specifications

Protection Level

IP67

Inlet/Outlet Diameter

17 mm

Operating Environment

Ambient Temperature Range

-40°C to 120°C

Coolant Temperature Range

-40°C to 100°C

Design & Construction

Motor Technology

- Brushless DC motor
- Rare-earth magnetic steel
- Low iron loss silicon steel sheet
- Sine wave control algorithm

Safety & Reliability

- Water and electricity separation
- Fault detection and feedback
- Self-protection functions
- Integrated PCB cooling system

Material Features

Flame-retardant, High temperature resistant, Corrosion-resistant, High-strength engineering plastics