

500W Fiber Laser Water Chiller 1800W Cooling Capacity

This water chiller features a cooling capacity of 1800W. The temperature control accuracy is ± 0.3 .



ADDITIONAL IMAGES



Product Overview

Dual-Circuit Laser Cooling Solution

This industrial water chiller is specifically engineered for cooling 500W fiber laser systems, offering a robust 1800W cooling capacity. Featuring a dual-temperature control system, it independently manages the fiber laser and optical components to optimize performance and longevity. Users benefit from precise thermal management, automatic intelligent temperature adjustments, and comprehensive safety alarms to ensure reliable operation in demanding industrial environments.

Key Performance Metrics

Performance Specifications

1800 W

Cooling Capacity

0.3 °C

Temperature Stability

70 L/min

Max Flow Rate

45 M

Max Lift

Technical Specifications

Physical and Electrical Data

Parameter	Value
Voltage	110V-220V
Frequency	50/60Hz
Pump Power	0.55KW
Tank Capacity	10L
Refrigerant	R-22/R-410a
Net Weight	50kg
Dimensions	65 x 38 x 74 cm

Compliance and Safety

Protection Alarms

- Compressor time-delay protection
- Compressor overcurrent protection
- Water flow alarm
- Over high/low temperature alarm

Standards and Certifications

CE, RoHS, REACH