



WHATSMINER M53S++

Product Manual

October 2024



Shenzhen MicroBT Electronics Technology Co.,Ltd.

www.whatsminer.com

WHATSMINER M53S++

Hydro-Cooling



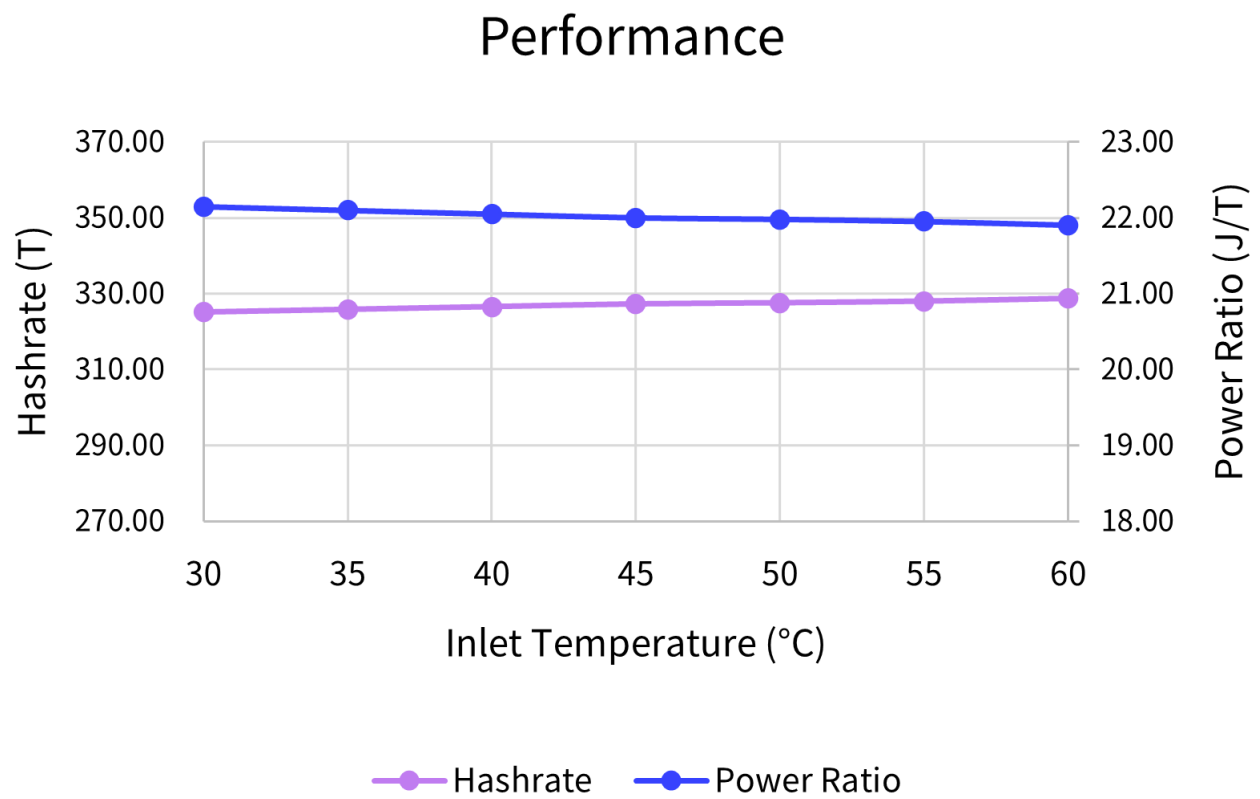
SPECIFICATION

Power Ratio	22 J/T $\pm$ 5 %	Hashrate	310 T – 328 T $\pm$ 10 %
Weight	27.5 kg (Net) 30 kg (Gross)	Size with Handle	86 mm $\times$ 482.6 mm $\times$ 663 mm
Input Voltage	AC 380 V – 480 V Input 10 kW	Power Cable Model	Custom made, $\geq$ 16 A
Coolant Demand Per Machine	About 1 L	Internet Connections	Ethernet

ENVIRONMENTAL PARAMETERS

Liquid Temperature	① Working temperature (inlet): 25 °C – 55 °C @ normal mode, 25 °C – 45 °C @ high performance mode ② Inlet temperature control accuracy: ± 2 °C ③ Storage and transportation temperature: -40 °C – +70 °C
Liquid Flow	① Rated flow: ≥ 10 L/min ② Flow control accuracy: ± 10 %
Liquid Pressure	≤ 400 Kpa
Liquid Medium	Special coolant: Pure water (or distilled water) + special corrosion inhibitor + antifreeze (select a ratio according to a freezing point)
Liquid PH	Control range: 7 – 8.7
Humidity	① Working humidity: 5 % RH – 85 % RH (non-condensing) ② Storage humidity: 5 % RH – 95 % RH (non-condensing) ③ Long-term storage humidity: 30 % RH – 69 % RH (non-condensing)

PERFORMANCE



Prototype data for reference only.