



S19 Pro+ Hyd.

Product Manual

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BITMAIN

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1. Specification

Product Glance	Value
Model	S19 Pro+ Hyd.
Version	208-A
Crypto algorithm/coins	SHA256 BTC/BCH
Typical Hashrate, TH/s ⁽¹⁻¹⁾	198
Power on wall @35°C ⁽¹⁻²⁾ , Watt ⁽¹⁻¹⁾	5445
Power efficiency on wall@35°C ⁽¹⁻²⁾ , J/TH ⁽¹⁻¹⁾	27.5

Detailed Characteristics	Value
Power supply	
Power supply AC input voltage, Volt ⁽²⁻¹⁾	380~415V AC
Power supply AC Input Frequency Range, Hz	50~60
Power supply AC Input current, Amp ⁽²⁻²⁾	12
Hardware configuration	
Network connection mode	RJ45 Ethernet 10/100M
Server size (Length*Width*Height, w/o package), mm	410*196*209
Server size (Length*Width*Height, with package), mm	570*316*430
Net weight, kg	15.2
Gross weight, kg	17.5
Environment requirements	
Inlet water temperature, °C	35
Water flow, L/min	8.0~10.0
Water pressure bar	≤3.5
Working fluid ⁽²⁻³⁾	Deionized water/Pure water
Liquid PH	8.5~9.5
Diameter of water pipe connector, mm	DN10
Storage temperature, °C	-20~70
Operation humidity(non-condensing), RH	10~90%

Notes:

(1-1) The Hashrate value, Power on wall, and Power efficiency on wall are all typical values. The actual Hashrate value fluctuates by $\pm 3\%$, and the actual Power on wall and Power efficiency on wall fluctuate by $\pm 5\%$.

(1-2) Inlet water temperature.

(2-1) Caution: Wrong input voltage may cause server damaged.

(2-2) Three-phase AC input, 10 A per wire.

(2-3) If the water conductivity is $\geq 100 \mu\text{s/cm}$, the fluid must be replaced. The water conductivity is less than $20 \mu\text{s/cm}$ when the system is running at the first time.