ANTMINER

S21e XP Hyd.

Product Manual

Feb. 2025

BITMAIN

1. Specification

Product Glance	Value
Model	S21e XP Hyd.
Sub	430T
Version	10
Crypto algorithm/coins	SHA256|BTC/BCH/BSV
Typical hashrate, TH/s[1-1]	430
Power on wall @35℃[1-2], Watt[1-1]	5590
Power efficiency on wall@35℃[1-2], J/T[1-1]	13.0

Detailed Characteristics	Value
Power Supply	
Phase	3
Input voltage, Volt[2-1]	380~415
Input frequency range, Hz	50~60
Input max current, Amp	12
Hardware Configuration	
Network connection mode	RJ45 Ethernet 10/100M
Server size (length*width*height, w/o package), mm	339*173*207
Server size (length*width*height, with package), mm	570*316*430
Net weight, kg	13.8
Gross weight, kg	15.7
Environment Requirements	
Inlet coolant temperature, ℃	20~50
Coolant flow, L/min	8.0~10.0
Coolant pressure, bar	≤3.5
Working coolant[2-2]	Antifreeze/ Pure water/Deionized water
Coolant pH value	Antifreeze: 7.0~9.0 Prue water: 6.5~7.5 Deionized water：8.5~9.5
Diameter of coolant pipe connector, mm	OD10
Storage temperature, ℃	-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 ± 3%, and the actual power on wall and power efficiency on wall fluctuate by ±5%.
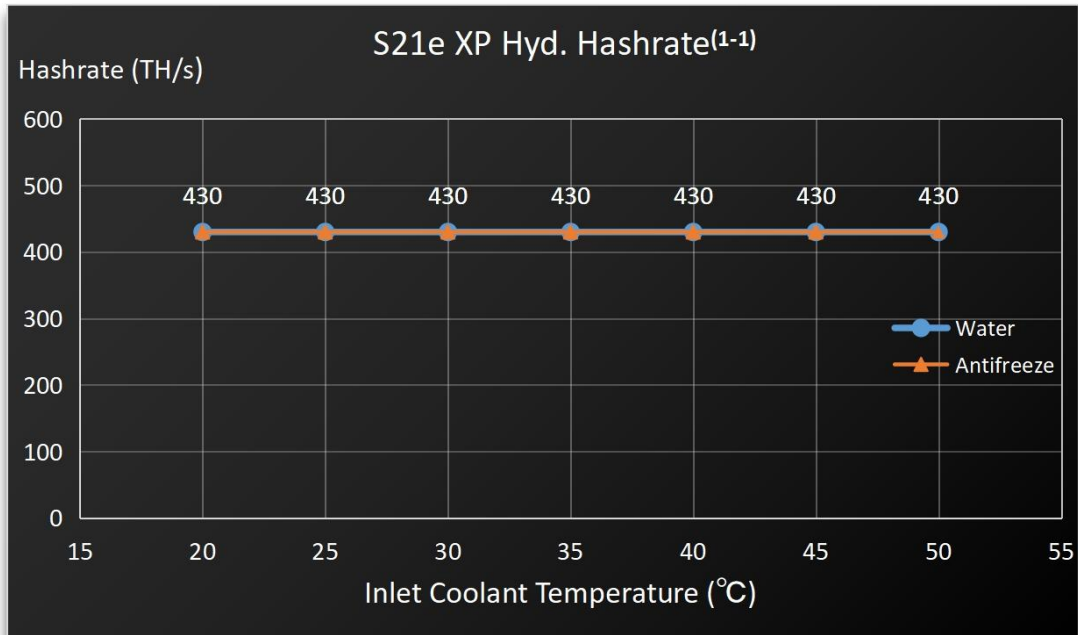
(1-2) Inlet coolant temperature.

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

(2-2) For detailed working coolant use and maintenance instructions, please refer to "**ANTSPACE HK3 Water Cooling Container & Dry-Wet Tower Product Manual**", Chapter 9, Article 3, Point 6, "Maintenance of Coolant"!

2. Performance Curves

(1) Hashrate vs. Inlet Coolant Temperature

(2) Power Efficiency vs. Inlet Coolant Temperature
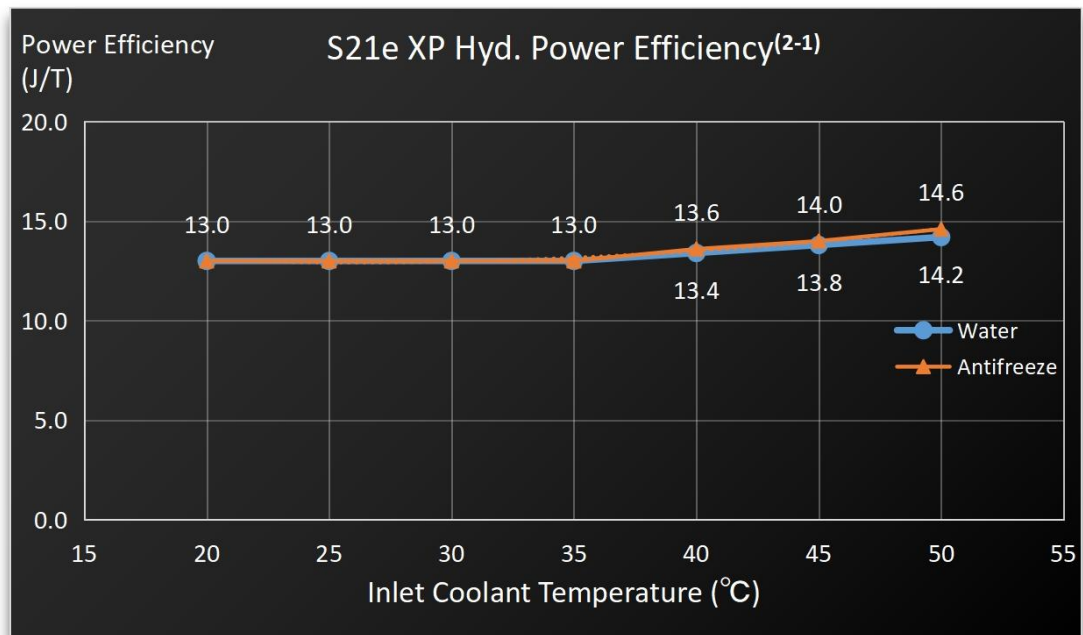
(1-1) The hashrate value, and power efficiency on wall are all typical values. The actual hashrate value fluctuates by $\pm 3\%$, and the actual power efficiency on wall fluctuate by $\pm 5\%$.