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BITMAIN
S19e XP Hyd
Bitcoin
Miner
Antminer

BITMAIN S19e XP Hyd Bitcoin Miner Antminer Owner's Manual

Contents

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BITMAIN S19e XP Hyd Bitcoin Miner Antminer

Product Specifications

Model	S19e XP Hyd.
Sub Version	Value
Crypto algorithm/coins	SHA256|BTC/BCH/BSV
Typical hashrate, TH/s	251
Power on wall @35, Watt	5522
Power efficiency on wall @35, J/T	22

Detailed Characteristics

Power Supply

- **Phase:** 3
- **Input voltage:** 380~415 Volt
- **Input frequency range:** 50~60 Hz
- **Input max current:** 12 Amp

Hardware Configuration

- **Network connection mode**: RJ45 Ethernet 10/100M
- **Server size (length*width*height, w/o package):** 410*170*209 mm
- **Server size (length*width*height, with package):** 570*316*430 mm
- **Net weight**: 12.8 kg
- **Gross weight:** 14.1 kg

Environment Requirements

- **Operating temperature**: 20~50°C
- **Coolant flow**: 8.0~10.0 L/min
- **Coolant pressure:** Working Coolant (2-2)
- **Coolant pH value:** 3.5
- **Diameter of Coolant pipe connector:** OD10 mm
- **Operation humidity(non-condensing):** 10~90% RH

Product Usage Instructions

Power Supply Connection:
Connect the power supply to the specified input voltage and frequency range as mentioned in the specifications.

Hardware Setup:
Set up the server in the designated network connection mode using an RJ45 Ethernet connection. Ensure proper server size and weight considerations during installation.

Environment Setup:
Maintain the operating temperature between 20°C to 50°C. Monitor coolant flow, pressure, and pH value as per the specified ranges. Use the recommended types of coolant and ensure proper humidity levels.

Specification

Product Glance	Value	
Model	**S19e XP Hyd.**	
Sub	**251T**	**240T**
Version	**10**	
Crypto algorithm/coins	**SHA256|BTC/BCH/BSV**	
Typical hashrate, **TH/s**(1-1)	**251**	**240**
Power on wall @35°C(1-2), **Watt**(1-1)	**5522**	**5280**
Power efficiency on wall@35°C(1-2), **J/T**(1-1)	**22**	

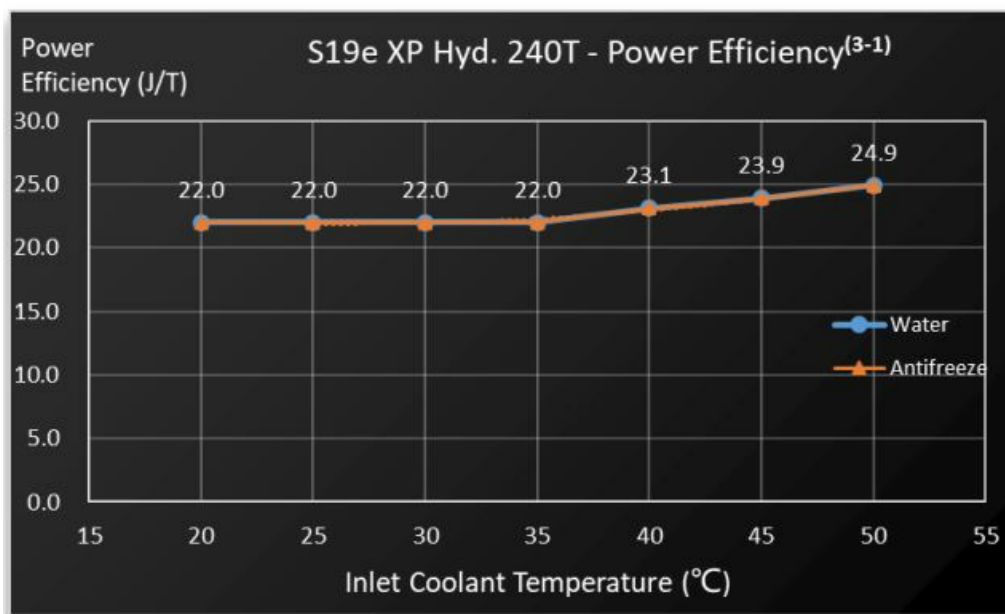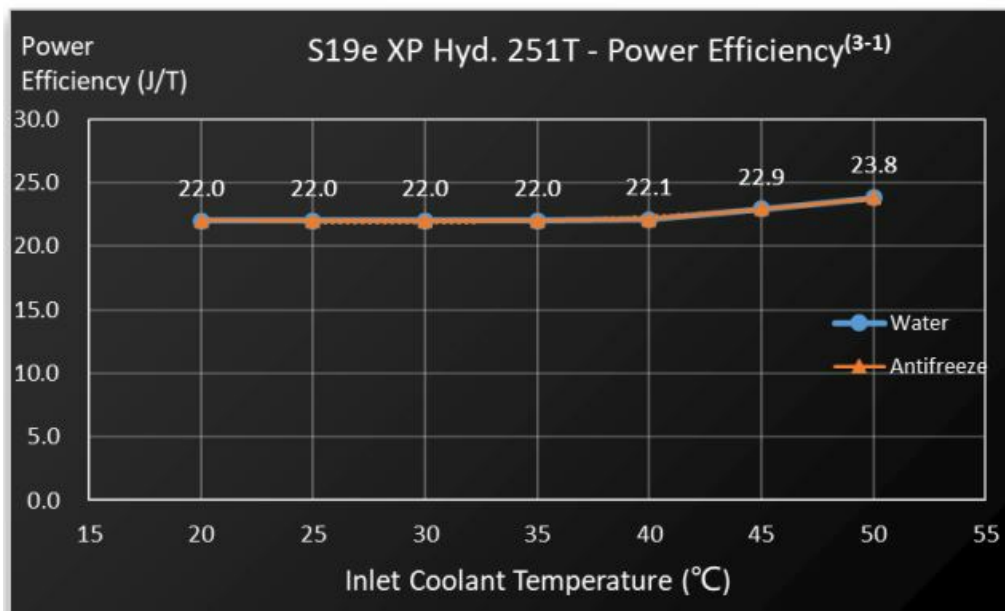| Detailed Characteristics	Value
Power supply	
Phase	**3**
Input voltage, **Volt**(2-1)	**380~415**
Input frequency range, **Hz**	**50~60**
Input max current, **Amp**	**12**
Hardware configuration	
Network connection mode	**RJ45 Ethernet 10/100M**
Server size (length*width*height, w/o package), **mm**	**410*170*209**
Server size (length*width*height, with package), **mm**	**570*316*430**
Net weight, **kg**	**12.8**
Gross weight, **kg**	**14.1**
Environment requirements	
Inlet coolant temperature, °**C**	**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 Pure water: 6.5~7.5 Deionized water 8.5~9.5**
Diameter of Coolant pipe connector, **mm**	**OD10**
Storage temperature, °**C**	**-20~70**
Operation humidity(non-condensing), **RH**	**10~90%**

Notes:

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%.
2. Inlet coolant temperature.
3. **Caution:** Wrong input voltage may cause server damaged.
4. 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"!

Performance Curve

1. **Hashrate vs. Inlet Coolant Temperature**

S19e XP Hyd. 251T - Hashrate[3-1]

S19e XP Hyd. 240T - Hashrate[3-1]
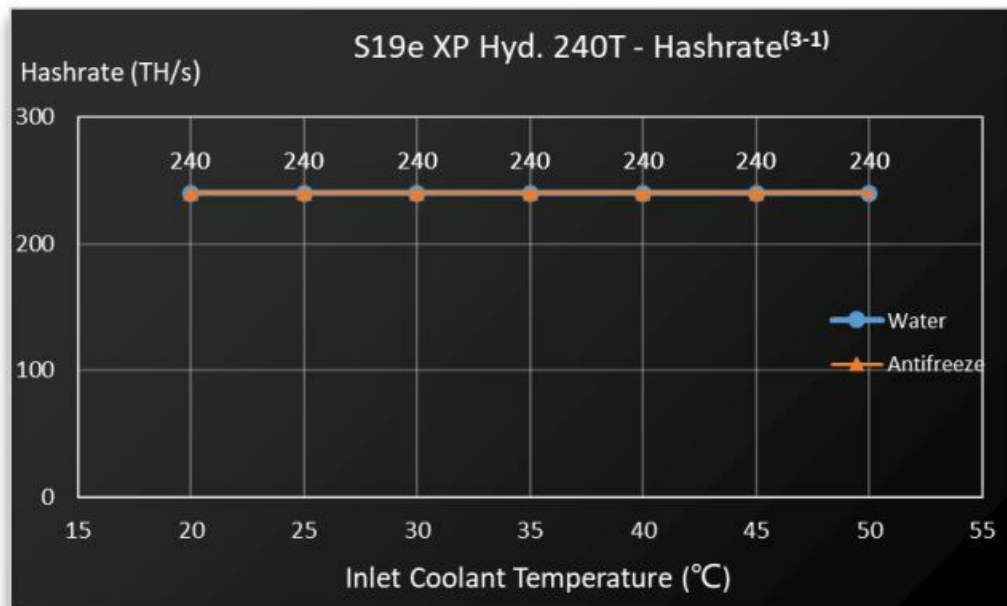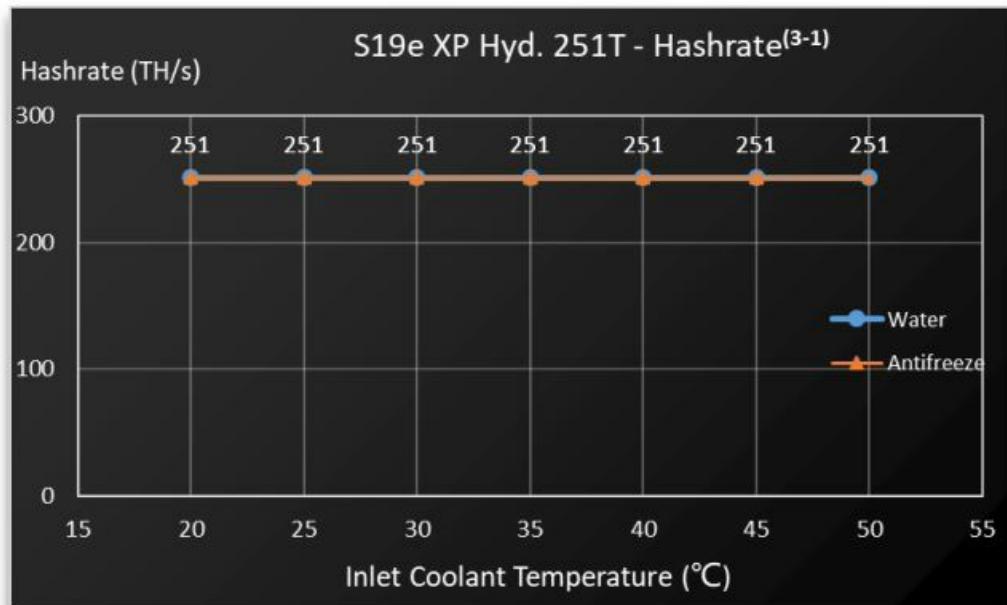
2. Power Efficiency vs. Inlet Coolant Temperature

S19e XP Hyd. 251T - Power Efficiency[3-1]

S19e XP Hyd. 240T - Power Efficiency[3-1]

3. The hashrate value, and power efficiency on wall are all typical values. The actual hashrate value fluctuates by 3%, and the actual power efficiency on wall fluctuate by 5%.

Frequently Asked Questions (FAQ)

- **What is the typical hashrate of the S19e XP Hyd. model?**
  The typical hashrate is 251 TH/s.
- **What is the input voltage range for the power supply?**
  The input voltage range is between 380 to 415 Volts.

Documents / Resources

BITMAIN S19e XP Hyd Bitcoin Miner Antminer [pdf] Owner's Manual
S19e XP Hyd, S19e XP Hyd Bitcoin Miner Antminer, Bitcoin Miner Antminer, Miner Antminer, Antminer

References

- **BITMAIN**
- **User Manual**