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BITMAIN AntMiner S19 XP Hyd Bitcoin Miner User Manual

Contents

BITMAIN AntMiner S19 XP Hyd Bitcoin Miner

Specifications

Product Glance	Value
Model	S19 XP Hyd.
Version	k0-10
Crypto algorithm/coins	SHA256|BTC/BCH/BSV
Typical hash rate, TH/s(1-1)	257
Power on wall @35(1-2), Watt(1-1)	5346
Power efficiency on wall@35(1-2), J/T(1-1)	20.8

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
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 the package), mm	570*316*430
Net weight, kg	12.8
Gross weight, kg	14.1
Coolant flow, L/min Coolant pressure, bar Working coolant(2-2)	8.0~10.0 3.5
Coolant pH value Diameter of coolant pipe connector, mm	Antifreeze/ Pure water/Deionized water Antifreeze: 7.0~9.0 Prue water: 6.5~7.5 Deionized water8.5~9.5 OD10
Operation temperature range, °C	-20~70
Operation humidity(non-condensing), RH	10~90%

Product Usage Instructions

Power Supply Connection
Connect the power supply to the server using the provided cable. Ensure the input voltage is within the specified range (380-415V) for proper functioning.

Network Connection
Use an RJ45 Ethernet cable to connect the server to your network for communication and data transfer.

Coolant System Setup
Ensure the coolant flow rate is between 8.0 to 10.0 L/min and the pressure is maintained at 3.5 bar. Use the recommended coolant type based on the pH value specified for optimal performance.

Operating Environment
Operate the server in a temperature range of -20°C to 70°C and maintain humidity levels between 10% to 90% for efficient operation.

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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 the package), **mm**	570*316*430
Net weight, **kg**	12.8
Gross weight, **kg**	14.1
Environment Requirements	
Inlet coolant temperature, °**C**	20~40
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 the coolant pipe connector, **mm**	OD10
Storage temperature, °**C**	-20~70
Operation humidity(non-condensing), **RH**	10~90%

Notes

1. The hash rate value, power on the wall, and power efficiency on the wall are all typical values. The actual hash rate value fluctuates by ±3%, and the actual power on the wall and power efficiency on the wall fluctuate by ±5%.
2. Inlet coolant temperature.
3. **Caution:** Wrong input voltage may cause server damage.
4. For detailed working coolant use and maintenance instructions, please refer to "AARTSPACEHK3 Water Cooling Container & Dry-Wet Tower Product Manual", Chapter 9, Article 3, Point 6, "Maintenance of Coolant"!

MORE INFORMATION

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FAQ

- **Q: What is the typical hash rate of the S19 XP Hyd? model?**
    - A: The typical hash rate is 257 TH/s.
- **Q: What are the supported crypto algorithms and coins for this model?**
    - A: The S19 XP Hyd. supports the SHA256 algorithm and coins like BTC, BCH, and BSV.
- **Q: How should I clean the server for maintenance?**
    - A: Follow the cleaning instructions provided in the user manual to ensure proper maintenance of the server.

Documents / Resources

ANTMINER **S19 XP Hyd.** Product Manual BITMAIN	**BITMAIN AntMiner S19 XP Hyd Bitcoin Miner** [pdf] User Manual AntMiner S19 XP Hyd Bitcoin Miner, AntMiner, S19 XP Hyd Bitcoin Miner, Bitcoin Miner, Miner

References

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