

# **BITMAIN AntMiner S19 XP Hyd Bitcoin Miner User Manual**

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**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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Power efficiency on wall@35°C(1-2), <b>J/T</b> (1-1)	20.8	
Detailed Characteristics	Value	
Power Supply		
Phase	3	
Input voltage, Volt(2-1)	380~415	
Input frequency range, <b>Hz</b>	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, <b>kg</b>	12.8	
Gross weight, <b>kg</b>	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	
	Antifreeze: 7.0~9.0 Prue water: 6.5~7.5	
Coolant pH value	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

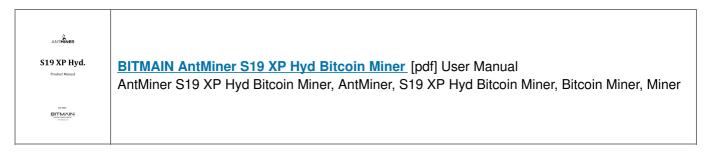
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#### **FAQ**

- 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**



#### References

- & BITMAIN
- User Manual

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