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m0-10 Power Supply Mining PSU For Bitmain Antminer

m0-10 Power Supply Mining PSU For Bitmain Antminer Instruction Manual

Contents

m0-10 Power Supply Mining PSU For Bitmain Antminer

Product Information

Specifications

- **Model Version:** S21 Hyd. m0-10
- **Crypto algorithm/coins:** SHA256|BTC/BCH
- **Typical Hashrate:** 335 TH/s
- **Power on wall @35:** 5360 Watt
- **Power efficiency on wall@35:** 16.0 J/TH

Detailed Characteristics

- **Power supply:**
  - **AC input voltage:** 380~415V AC
  - **AC Input Frequency Range:** 50~60 Hz
  - **AC Input current:** 12 Amp
- **Hardware configuration:**
  - **Network connection mode:** RJ45 Ethernet 10/100M
  - **Server size (Length*Width*Height, w/o package):** 339*163*207 mm
  - **Server size (Length*Width*Height, with package):** 570*316*430 mm
  - **Net weight:** 12.3 kg
  - **Gross weight:** 13.6 kg
- **Environment requirements:**
  - **Fluid type:** Deionized water/Pure water
  - **Water conductivity:** 8.5~9.5 DN10

- ○ **Operating temperature:** -20~70°C
- ○ **Operating humidity:** 10~90%

Product Usage Instructions

1. **Initial Setup**
   - Ensure the power supply is connected to the specified AC input voltage range.
   - Connect the network cable using RJ45 Ethernet to establish a connection.
2. **Operating Modes**
   - **NEM:** Hashrate at 35 TH/s, Power on wall at 5360 Watt.
   - **HEM1:** Hashrate at 45 TH/s, Power on wall at 5890 Watt.
   - **HEM2:** Hashrate at 50 TH/s, Power on wall at 5960 Watt.
3. **Maintenance**
   - Monitor water conductivity and ensure it remains between 8.5 to 9.5 DN10.
   - Replace the fluid if water conductivity exceeds the specified limit.

Frequently Asked Questions (FAQ)

- **Q: What should I do if the product cannot be started?**

  A: Check the power supply connection and ensure it is within the specified voltage range. If the issue persists, contact customer support.
- **Q: How often should I replace the fluid in the system?**

  A: If the water conductivity exceeds 100 s/cm or as indicated in the manual, replace the fluid promptly to maintain optimal performance.

S21 Hyd.
Product Manual

Specification

Product Glance	Value
Model	**S21 Hyd.**
Version	m0-10
Crypto a lgorithm/coins	SHA256|BTC/BCH
Typical Hashrate, TH/s(1-1)	335
Power on wall @35т(1-2), Watt(1-1)	5360
Power efficiency on wall@35т(1-2), J/TH(1-1)	16.0

Detailed Characteristics	Value		
Power supply			
Power supply AC input voltage, Volt(2-1)	380~415V AC		
Powersupply 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	339*163*207		
Server size (Length*Width*Height, with package), mm	570*316*430		
Net weight, kg	12.3		
Gross weight, kg	13.6		
Environment requirements			
Inlet water temperature, °C	NEM(2-3)	35	
	HEM1(2-4)	45	
	HEM2(2-4)	50	
Water flow, L/min	8.0~10.0		
Water pressure bar	≤3.5		
Working fluid(2-5)	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. 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. Inlet water temperature.
    2. **Caution:** Wrong input voltage may cause server damaged.
    3. Three-phase AC input, 10 A per wire.
    4. **NEM:** Normal EnergyMode. If the inlet water temperature is lower than 20 °C, the miner cannot be started.
    5. **HEM:** High EnergyMode.
    6. If the water conductivity is ≥100 µs/cm, the fluid must be replaced. The water conductivity is less than 20 µs/cm when the system is running at the first time.

Working Mode

Working Mode	NEM	HEM1	HEM2
Inlet water temperature, °C(3-1)	35	45	50
Hashrate, TH/s	335	335	335
Power on wall, Watt	5360	5890	5960
Power efficiency on wall, J/TH	**16.0**	**17.6**	**17.8**

Notes:

1. For the external dry cooler (EC2-DT),
   - if the outlet water temperature is 35°C, the maximum ambient temperature is 30°C;
   - if the outlet water temperature is 45°C, the maximum ambient temperature is 40°C;
   - if the outlet water temperature is 50°C, the maximum ambient temperature is 45°C.

Documents / Resources

ANTMINER S21 Hyd. Product Manual Sep.2023	[**ANTMINER m0-10 Power Supply Mining PSU For Bitmain Antminer**](#) [pdf] Instruction Manual m0-10 Power Supply Mining PSU For Bitmain Antminer, m0-10, Power Supply Mining PSU For Bitmain Antminer, Mining PSU For Bitmain Antminer, Bitmain Antminer, Antminer

References

- [**User Manual**](#)