



S21 XP Imm.

Product Manual

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BITMAIN

BITMAIN TECHNOLOGIES INC.

1. Specification

| Product Glance | Value | |
|---|---------------------------|-------------|
| Model | S21 XP Imm. | |
| Version | (300T-10) | |
| Crypto algorithm/coins | SHA256 BTC/BCH/BSV | |
| Working mode ⁽¹⁻¹⁾ | NEM | HEM |
| Typical hashrate, TH/s ⁽¹⁻²⁾ | 300 | 380 |
| Power on wall @30°C ⁽¹⁻³⁾ , Watt ⁽¹⁻²⁾ | 4050 | 5700 |
| Power efficiency on wall @30°C, J/TH ⁽¹⁻²⁾ | 13.5 | 15 |

| Detailed Characteristics | Value | |
|--|------------------------------------|--|
| Power supply | | |
| Phase | 3 | |
| Input voltage range, Volt ⁽²⁻¹⁾ | 380~415 | |
| Input frequency range, Hz | 50~60 | |
| Input max current, Amp | 12 | |
| Hardware configuration | | |
| Networking connection mode | RJ45 Ethernet 10/100M | |
| Server size (Length*Width*Height, w/o package), mm | 364⁽²⁻²⁾*236*293 | |
| Server size (Length*Width*Height, with package), mm | 600*390*450 | |
| Net weight, kg | 16.8 | |
| Gross weight, kg | 18.5 | |
| Environment requirements | | |
| Inlet oil temperature, °C | 20-50 | |
| Oil flow, m³/h | 1 | |
| Storage temperature, °C | -20~70 | |

Notes:

(1-1) NEM: Normal Energy Mode; HEM: High Energy Mode.

(1-2) The Hashrate value, Power on wall, and Power efficiency on wall are all typical value. The actual Hashrate value fluctuates by ±3%, and the actual Power on wall and Power efficiency on wall fluctuate by ±5%.

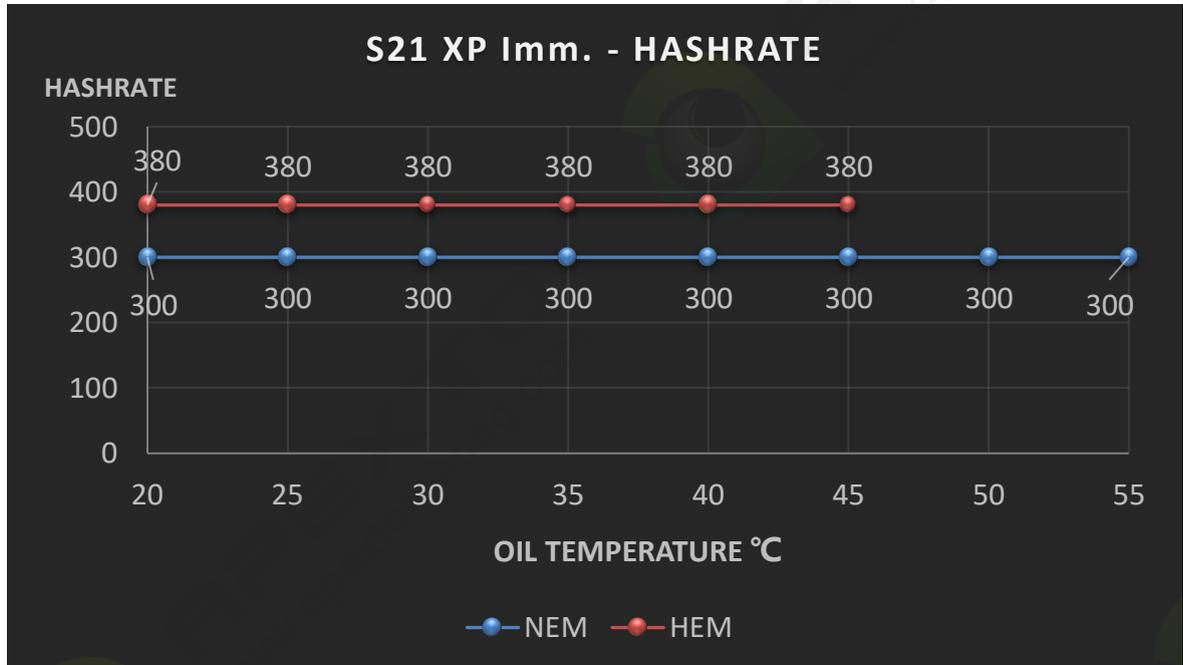
(1-3) Inlet oil temperature.

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

(2-2) The height includes a 44mm handle.

2. Performance Curve

(1) Hashrate vs. Ambient Temperature



(2) J/T vs. Ambient Temperature

