



S21 Imm.

Product Manual

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BITMAIN

BITMAIN TECHNOLOGIES INC.

www.bitmain.com

1. Specification

Product Glance	Value	
Model	S21 Imm.	
Version	10	
Crypto algorithm/coins	SHA256 BTC/BCH/BSV	
Working mode ⁽¹⁻¹⁾	NEM	HEM
Typical hashrate, TH/s ⁽¹⁻²⁾	239	301
Power on wall @30°C ⁽¹⁻³⁾ , Watt ⁽¹⁻²⁾	3824	5569
Power efficiency on wall @30°C, J/TH ⁽¹⁻²⁾	16.0	18.5

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	293*236*364 ⁽²⁻²⁾
Server size (Length*Width*Height, with package), mm	600*390*450
Net weight, kg	17.15
Gross weight, kg	20.45
Environment requirements	
Inlet oil temperature, °C	30~55
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 $\pm 3\%$, and the actual Power on wall and Power efficiency on wall fluctuate by $\pm 5\%$.

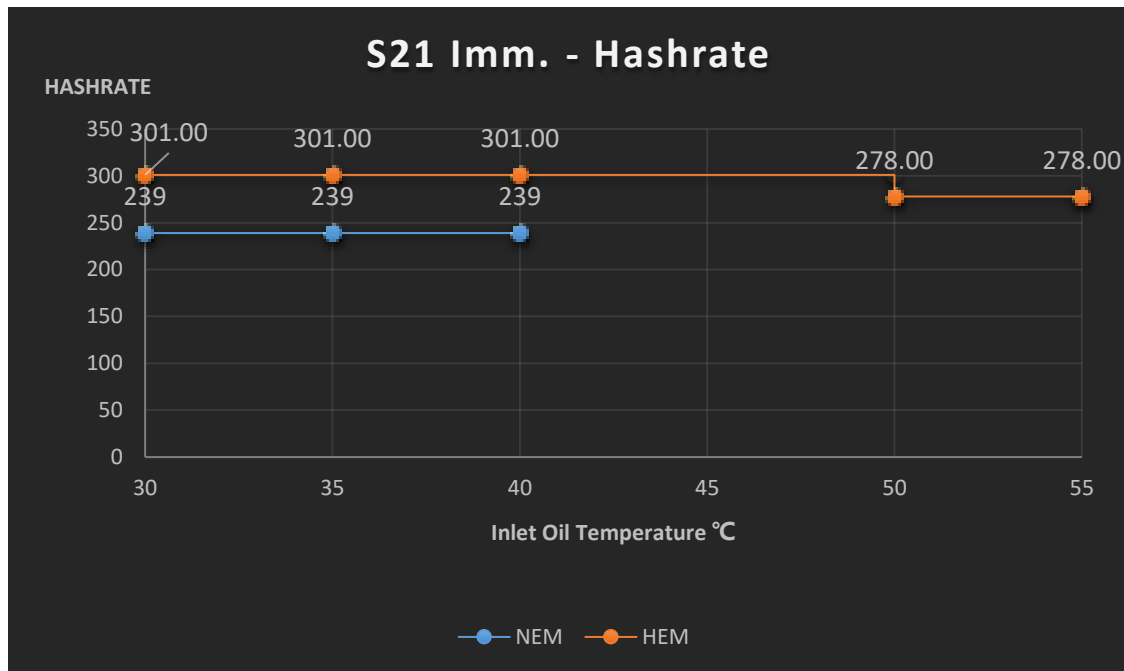
(1-3) Inlet oil temperature.

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

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

2. Performance Curve

(1) Hashrate vs. Inlet Oil Temperature



(2) J/T vs. Inlet Oil Temperature

