



BITMAIN S19k Pro ASIC Miner Value Instruction Manual

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Specification

Product Glance	Value
Model	S19k Pro
Version	K1-10
Crypto algorithm/coins	SHA256 BTC/BCH
Typical Hashrate, TH/s (1-1)	120
Power on wall @25°C (1-2) , Watt (1-1)	2760
Power efficiency on wall@25°C (1-2) , J/TH (1-1)	23

Detailed Characteristics	Value
Power supply	
Power supply AC input voltage, Volt (2-1)	200~240V AC
Power supply AC Input Frequency Range, Hz	50~60
Power supply AC Input current, Amp (2-2)	20
Adapted AC output power requirement, W (2-3)	4000
Hardware Configuration	
Network connection mode	RJ45 Ethernet 10/100M
Server size (Length*Width*Height, w/o package), mm	400*195*290
Server size (Length*Width*Height, with package), mm	570*316*430
Net weight, kg	14.6
Gross weight, kg	16.4
Noise, dBA @25°C (2-4)	72
Environment Requirements	
Operation temperature, °C	0~45
Storage temperature, °C	-40~85
Operation humidity, RH	10%~90%
Operation altitude, m (2-5)	≤2000

Notes:

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

(1-2) Inlet air temperature.

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

(2-2) Two AC input wires, 10A per wire.

(2-3) Caution: It is strongly recommended that the power on wall of the miner does not exceed this value.

(2-4) Max condition: Fan is under max RPM(rotation per minute).

(2-5) When the server is used at an altitude from 900m to 2000m, the highest operating temperature decreases by 1°C for every increase of 300m.

Working Mode

Working mode	NEM(3-1)	HEMP-2)
Operation temperature, °C	0-45	0-40
Hashrate, TH/s	120	136
Power on wall@25°C, Watt	2760	/
Power efficiency on wall@25°C, J/TH	23.0	/

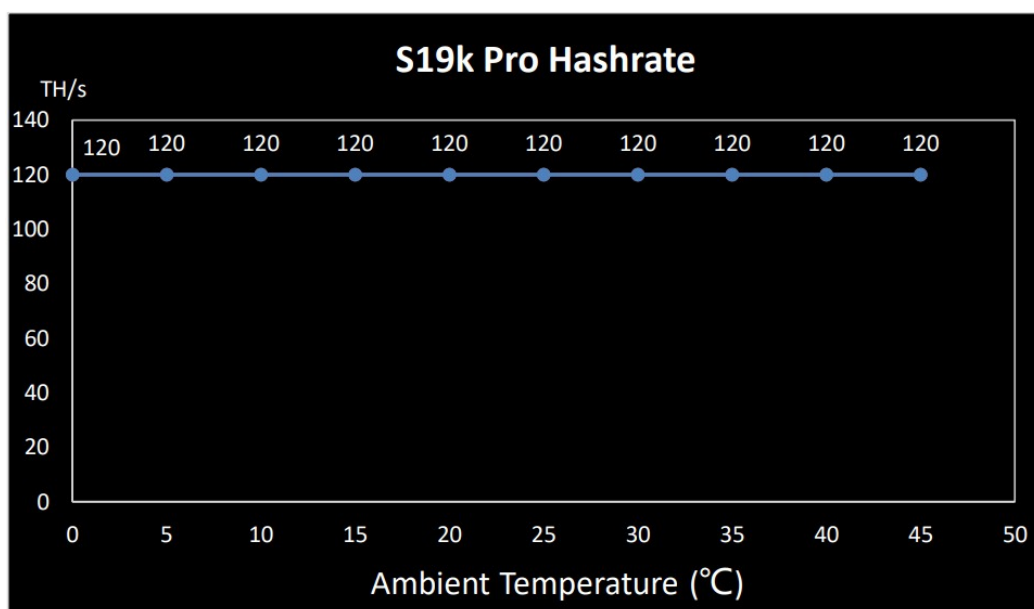
Notes:

(3-1) NEM: Normal Energy Mode

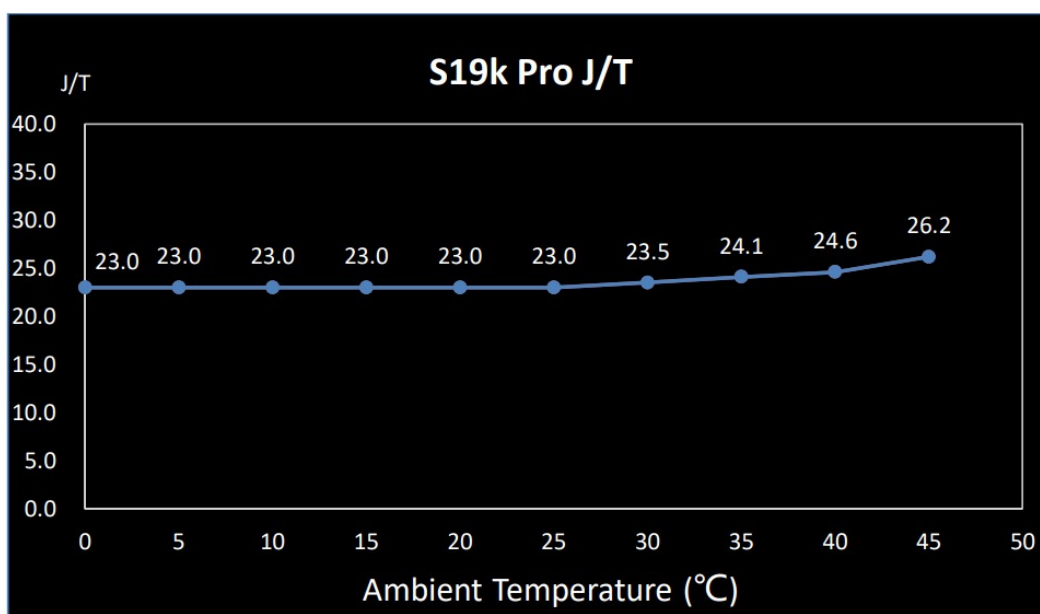
(3-2) HEM: High Energy Mode

Performance Curves

1. Hashrate vs. Ambient Temperature





2. J/T vs. Ambient Temperature





Documents / Resources

 S19k Pro Product Manual 	BITMAIN S19k Pro ASIC Miner Value [pdf] Instruction Manual S19k Pro, S19k Pro ASIC Miner Value, ASIC Miner Value, Miner Value, Value
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References

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

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