



# KS3

## Product Manual

Nov. 2023

**BITMAIN**

# 1. Specification

<b>Product Glance</b>	<b>Value</b>
Model	<b>KS3</b>
Version	<b>KS1-10</b>
Crypto algorithm   coins	<b>KHeavyHash   KAS</b>
Typical Hashrate, <b>TH/s</b> <sup>(1-1)</sup>	<b>9.4</b>
Power on wall @25°C, <b>Watt</b> <sup>(1-1)</sup>	<b>3500</b>
Power efficiency on wall@25°C, <b>J/TH</b> <sup>(1-1)</sup>	<b>372</b>

<b>Detailed Characteristics</b>	<b>Value</b>
<b>Power supply</b>	
Power supply AC Input voltage range, <b>V</b> <sup>(2-1)</sup>	<b>200-240V AC</b>
Power supply AC Input Frequency Range, <b>Hz</b>	<b>50-60</b>
Power supply AC Input current, <b>A</b> <sup>(2-2)</sup>	<b>20</b>
Adapted AC Output power requirement, <b>W</b> <sup>(2-3)</sup>	<b>3600</b>
<b>Hardware configuration</b>	
Quantity of hash chips	<b>276</b>
Quantity of hash boards	<b>3</b>
Network connection mode	<b>RJ45 Ethernet 10/100M</b>
Server size (Length*Width*Height, w/o package), <b>mm</b>	<b>430*195.5*290</b>
Server size (Length*Width*Height, with package), <b>mm</b>	<b>570*316*430</b>
Net weight, <b>kg</b>	<b>15.2</b>
Gross weight, <b>kg</b>	<b>16.9</b>
Noise, <b>dBa @25°C</b> <sup>(2-4)</sup>	<b>70</b>
<b>Environment requirements</b>	
Operation temperature, <b>°C</b>	<b>0~40</b>
Storage temperature, <b>°C</b>	<b>-20~70</b>
Operation humidity(non-condensing), <b>RH</b>	<b>10~90%</b>
Operation altitude, <b>m</b> <sup>(2-5)</sup>	<b>≤2000</b>

## 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  $\pm 5\%$ .

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

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

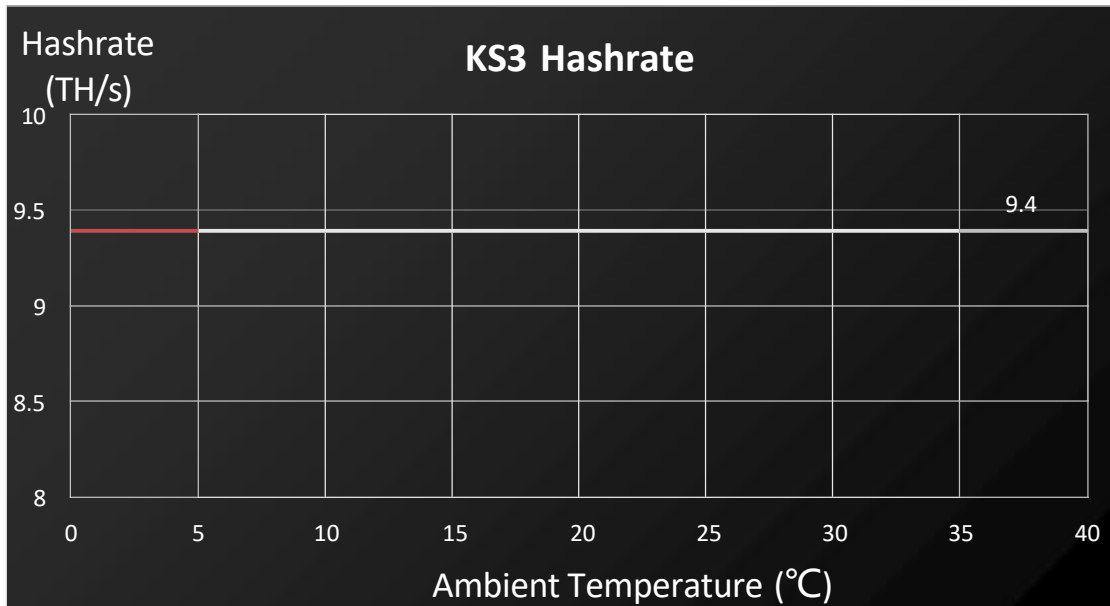
(2-3) Caution: It is strongly recommended that the power on wall of the miner does not exceed this value.

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

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

## 2. Performance Curves

### (1) Hashrate Vs. Ambient Temperature



### (2) J/T Vs. Ambient Temperature

