



# U3S23H

## Product Manual

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**BITMAIN**

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[www.bitmain.com](http://www.bitmain.com)

# 1. Specification

Product Glance	Value
Model	U3S23H
Version	1160T-10
Crypto algorithm/coins	SHA256 BTC/BCH/BSV
Typical hashrate, <b>TH/s</b> <sup>(1-1)</sup>	1,160
Power on wall @35°C <sup>(1-2)</sup> , <b>Watt</b> <sup>(1-1)</sup>	11,020
Power efficiency on wall@35°C <sup>(1-2)</sup> , <b>J/T</b> <sup>(1-1)</sup>	9.5

Detailed Characteristics	Value
<b>Power supply</b>	
Phase	3
Input voltage, <b>Volt</b> <sup>(2-1)</sup>	380~415
Input frequency range, <b>Hz</b>	50~60
Input max current, <b>Amp</b>	24
Power port	LP34
<b>Hardware configuration</b>	
Network connection mode	RJ45 Ethernet 10/100M
Server size (length*width*height, w/o package), <b>mm</b>	900*482.6*130
Server size (length*width*height, with package), <b>mm</b>	1,150*640*260
Net weight, <b>kg</b>	42.0
Gross weight, <b>kg</b>	48.0
<b>Environment requirements</b>	
Inlet coolant temperature, °C	20~50
Coolant flow, <b>L/min</b>	16.0~20.0
Coolant pressure, <b>bar</b>	≤3.5
Working Coolant <sup>(2-2)</sup>	Antifreeze/ Pure water/ Deionized water
Coolant pH value	Antifreeze: 7.0~9.0 Prue water: 6.5~7.5 Deionized water: 8.5~9.5
Diameter of Coolant pipe connector, <b>mm</b>	OD14
Storage temperature, °C	-20~70
Operation humidity(non-condensing), <b>RH</b>	10~90%

## 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  $\pm 5\%$ .

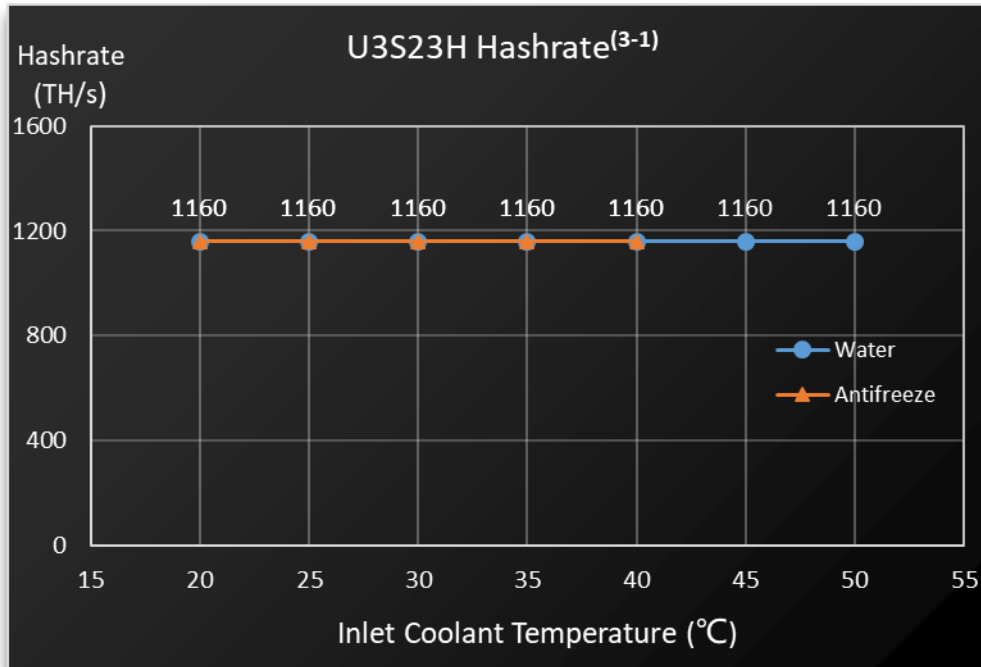
(1-2) Inlet coolant temperature.

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

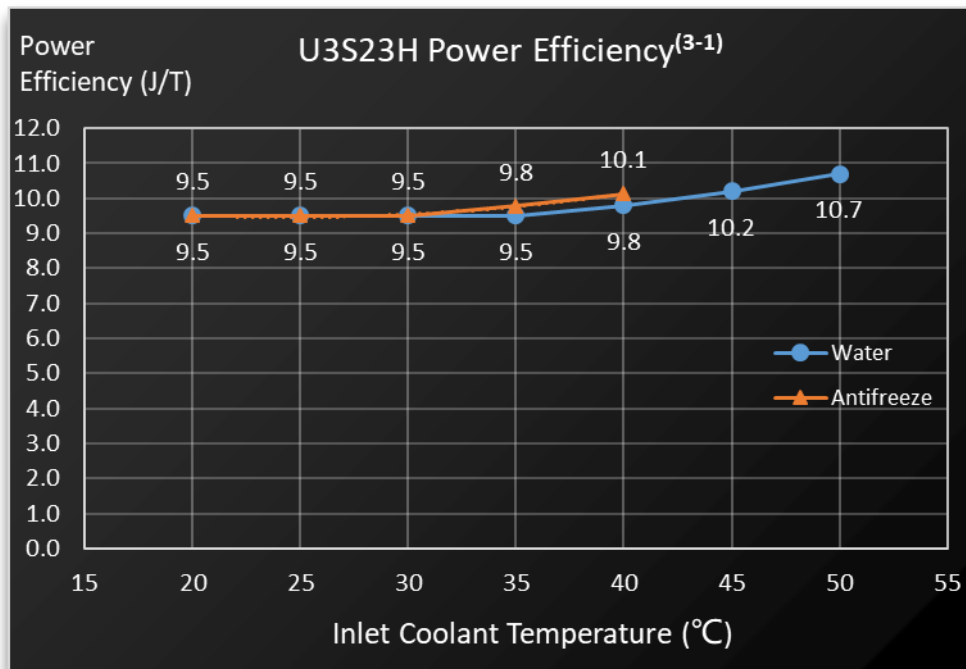
(2-2) For detailed working coolant use and maintenance instructions, please refer to "ANTSPACE HK3 Water Cooling Container & Dry-Wet Tower Product Manual", Chapter 9, Article 3, Point 6, "Maintenance of Coolant"!

## 2. Performance Curve

### (1) Hashrate vs. Inlet Coolant Temperature



### (2) Power Efficiency vs. Inlet Coolant Temperature



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