

100kW Hash Hut

SPECIFICATION SHEET

Loadcenter Specifications

Electrical	Continuous Power Rating ¹	100 kW
	Voltage	416-480V P-P, 240-277V P-N, WYE
	Frequency	60Hz
	Full Load Current	140A (416V) 120A (480V)
	Main Circuit Breaker Rating	175A, 80% Continuous
Cooling	Intake Fan Quantity	1
	Intake Fan Flow Rate ²	20,500 CFM
	Total Loadcenter Flow Rate ²	20,500 CFM
	Intake Fan Motor Rating	5 HP
	VFD Rating	10 HP
Racks	Quantity	1
	PDU Outlets / Miner Slots (24 / PDU)	24 - PA45(P33) 6-Pin
	PDU Outlet Rating	25A, 80% Continuous
	Shelf Quantity Per Rack	4
	Shelf Dimension	51.9" x 12" (W x H)
	Miner Compatibility ³	M30, M50, M60, S19, S21, S21+ S21 Pro, S21 XP, T21
Ancillary Load	Cooling Maximum	3.7 kW
	Networking, Control & Lighting	0.5 kW

Building Specifications

Building	Type	Steel building (self-framer, skid mounted)
	Handling	Lifting lugs / eyes in skid base
	Access	(1) Steel man-doors w/ panic hardware
	Dimensions ⁴	6' x 7' x 9.5' (W x L x H)
	Weight ⁴	2000 LBS (Estimated)

¹ Continuous power rating is based on max loading of 4000W / miner while also including ancillary loads. To calculate total ASIC capacity, use the formula, ASIC Capacity = (Continuous Power Rating – Ancillary Load) / ASIC Load Rating.

² CFM rating is based on fan curve at zero static pressure differential.

³ ASIC compatibility is based on published specifications from WhatsMiner and Antminer. Upstream data is not responsible for ASIC suppliers not adhering to their published specifications (e.g., higher power consumption, increased air flow requirements, etc.).

⁴ For 'Texas Edition' version of the product, the building height and weight may vary.

Contact sales for other ASIC compatibility.

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Product Features

Standard	<ul style="list-style-type: none"> Power distribution switch gear Networking hardware (unmanaged) Heat management attachments Smart PDU's (Power Distribution Unit) LoadSync™ controller with HMI touch screen
Loadcenter	<ul style="list-style-type: none"> Elevated ASIC racking, preventing debris from reaching ASIC's Up to 24 ASICs per rack Powered exhaust dampeners, keeping ASIC's safe when not in operation 4' wide center aisle for ample working space and safe egress Intakes have external pre filter and internal primary filter Each intake fan has an electrical disconnect for safe service Direct drive motors per intake fan for minimal maintenance and more reliability Intake fan motors are in the cold section of the building, not subject to high ASIC exhaust Fan speed fully automated or manually controlled through LoadSync™
LoadSync™	<ul style="list-style-type: none"> Remote control and monitoring of the entire system Electrical real time data Cooling fan / Louver automation and control PDU automation and load control ASIC monitoring Historical data trends and alarm history

Product Options

- Sound attenuating liner & attachments
- Custom building colors
- Downgrade to basic PDUs
- Removal of LoadSync™ system
- Certification Label (CAN/US)
- *Other customizations available upon request*

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