



Module Box

FAN COOLING MOBILE MINING CONTAINER

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Fan Cooling Mobile Mining Container

Fan cooling mobile mining container is specially designed for large-scale digital mining. This container adopts double-layer water curtains and built-in fans for system cooling. The outer layer curtain helps to reduce the internal ambient temperature and the inner layer curtain helps to alleviate the influence of air humidity on miners. Meanwhile, the built-in fan cooling helps to reduce the operating costs of mining containers. It looks like a container from its appearance, but its inside and outside are designed to support all cryptocurrency miners and get maximum hashrate on the market today.

Distribution System

- Support wide voltage and wide frequency
- Power supply range: 360V – 480V, 50–60 Hz
- Internal output voltage: 200V – 277V, 50–60 Hz
- Maximum allowable total power: 1500 kw/h (6250A)
- Multiple security protection system
- Exclusive intelligent control system



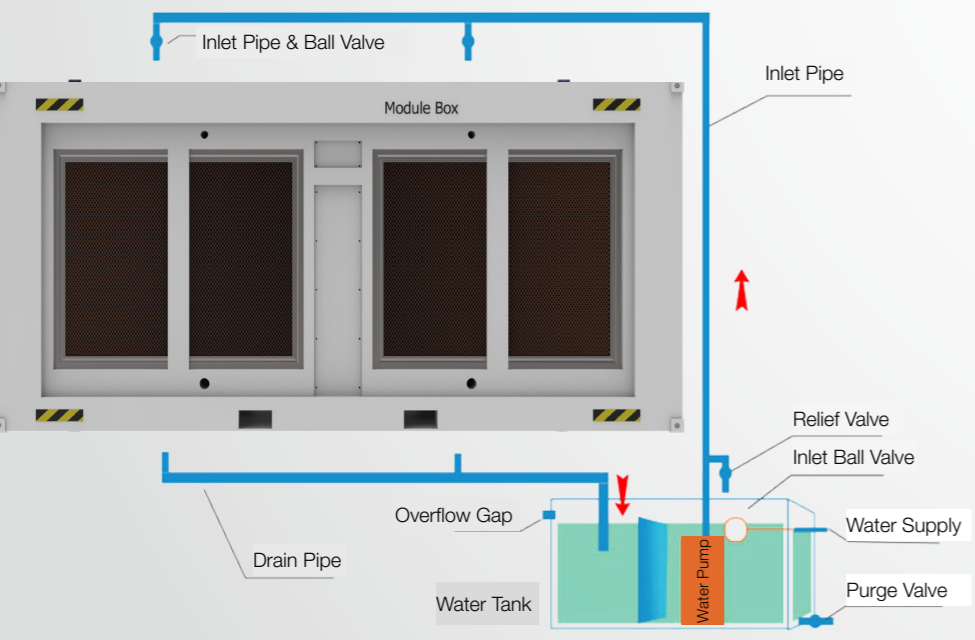
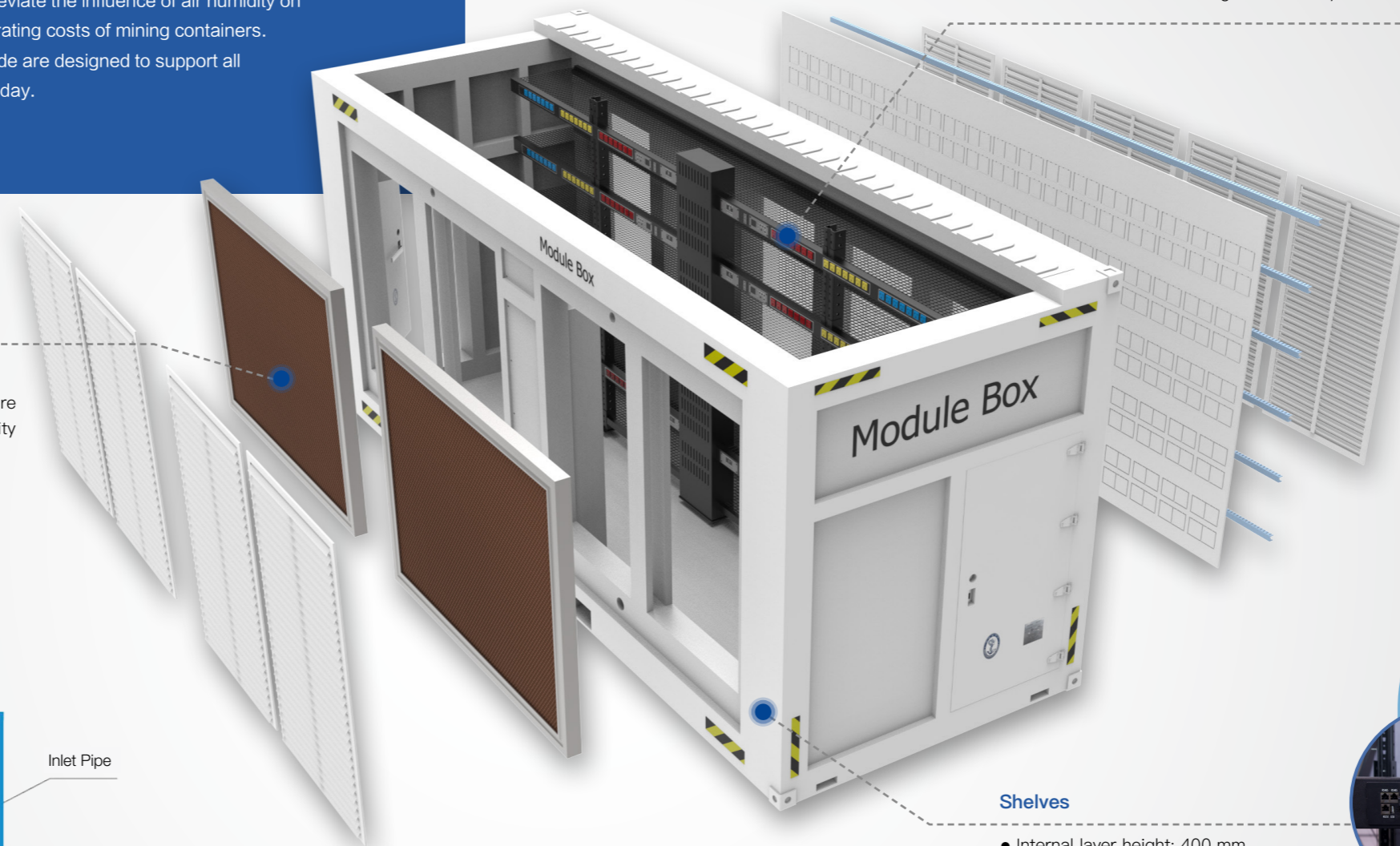
Cooling System

Double-layer water curtain cooling

The outer layer curtain helps to reduce the internal ambient temperature and the inner layer curtain helps to alleviate the influence of air humidity on miners, which greatly extends the service life of miners.

Precautions

- When the temperature is higher than 35 °C, water cooling curtains must be watered.
- Small flow instillation can be used.
- The wet area of the water cooling curtain shall be larger than 70%



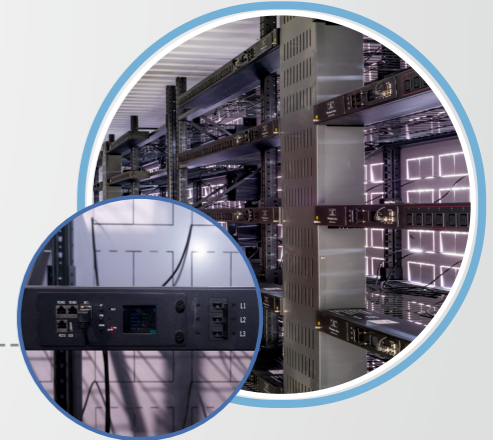
Miner Built-In Fan Cooling

2 miners are stacked together for installation and the fan is placed towards the outside to reduce the temperature inside the miner.



Shelves

- Internal layer height: 400 mm
- Rack round hole spacing: 40 mm
- No. of stands (20-feet container): 2 × 6
- No. of stands (40-feet container): 4 × 6
- The layer height can be adjusted according to the miner models.



Container Certification

- Its structural strength meets international standardized transportation requirements.
- Its load strength, longitudinal rigidity and horizontal rigidity comply with lifting safety requirements.
- Its structure meets stacking strength requirements.



Electrical Safety Certification

- Distribution cabinet
- Intelligent PDU
- Cable
- Switch
- Network cable





Function Design

Multi-Level Security Protection

Class 1

- Leakage protector

Class 2

- Fuse protector

Class 3

- Breaker control switch

Class 4

- PDU independent power outage

Exclusive Independently Developed Intelligent Control System

- Network protocol commands are supported to achieve independent switching and closing of any PDU.
- Custom switch on and off plan protocols and one-button splitting and integrating local area network .
- Custom management authority protocol, custom power consumption metering, and automatic power off over threshold .
- Independent local service management system allows offline running.

Core Highlights



90% ↑

Reduce 90% basic operation & maintenance staff
Save 90% operation & maintenance labor costs



100% ↑

Electrical Safety Standards Compliance

Independently developed electrical appliance, well-targeted functions, suitable for all high-power miners



100% ↑

Safe & Reliable

Original 3-level security management system
Prevent operation and maintenance staff from stealing computing power



100%

Intelligent Control

24 hours real-time monitoring
Single miner trip protection available



Housing Certification

CCS certified
CUL certified



Electrical Safety Certification

CUL overall electrical safety certification
CE electrical safety certification



700 Days Worry-Free After-Sale Service

This item applies to all electrical appliances, only change, no repair.



One-Stop Customs Clearance Service

Safe, legal, exclusive customs code
Worry-free shipping

Technical Data



Specification

	Module box-20HC	Module box-40HC
External sizes (mm)	6058 × 2438 × 2896	12192×2438×2896
Internal sizes (mm)	5900 × 1380 × 2600	11800×1380×2600
Weight	4T(±5%)	8T(±5%)
Overall volume (m³)	42.77	86.08

Shelf System

Internal shelf layers	2 × 6	4 × 6
Maximum miners	210	420
Miner model	S19Pro or others	S19Pro or others
Shelf height (mm)	400	400
Adjustable shelf hole distance (mm)	40	40

Power Supply System

Input voltage	360 V – 480 V	360 V – 480 V
Module output	200 V – 277 V, 50–60 Hz	200 V – 277 V, 50–60 Hz
Maximum total power	830 kw/h (3780 A)	1500 kw/h (6250 A)
PDU power	3696 w/h (20A)	3696 w/h (20 A)
Custom switch	200 V – 280 V	200 V – 280 V
Intelligent PDU	200 V – 280 V	200 V – 280 V
Intelligent server	200 V – 280 V	200 V – 280 V

Multi-Level Security Protection

- Class 1 – Leakage protector
- Class 2 – Fuse protector
- Class 3 – Breaker control switch
- Class 4 – PDU independent power outage

Input mode	3-phase equilibrium	3-phase equilibrium
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Cooling System

Cooling mode	Water cooling curtain, miner fan heat dissipation	
Water supply pressure	≤ 1.5 Pa	
Cold and heat isolation panel	Waterproof, flame-retarded	
Dust screen	Reduce attachments	
Louver	Rainproof	

Other Details

Intelligent control system	The first inclusive network-based background interaction system
Fire fighting system	Smoke detector
Temperature & humidity monitoring	Temperature & humidity sensor

Operating Conditions

Applicable environments	For both indoor and outdoor uses
Ground requirements	Hardening treatment
Working temperature	-35 °C to 50 °C
Working humidity	0–90% RH
Working altitude	0–2000 m

Security Certification

Container body certification	CCS safety certification
Electrical safety certification	CE & CUL certification