



# FAN COOLING

## MOBILE MINING CONTAINER

### BitTech







## 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.

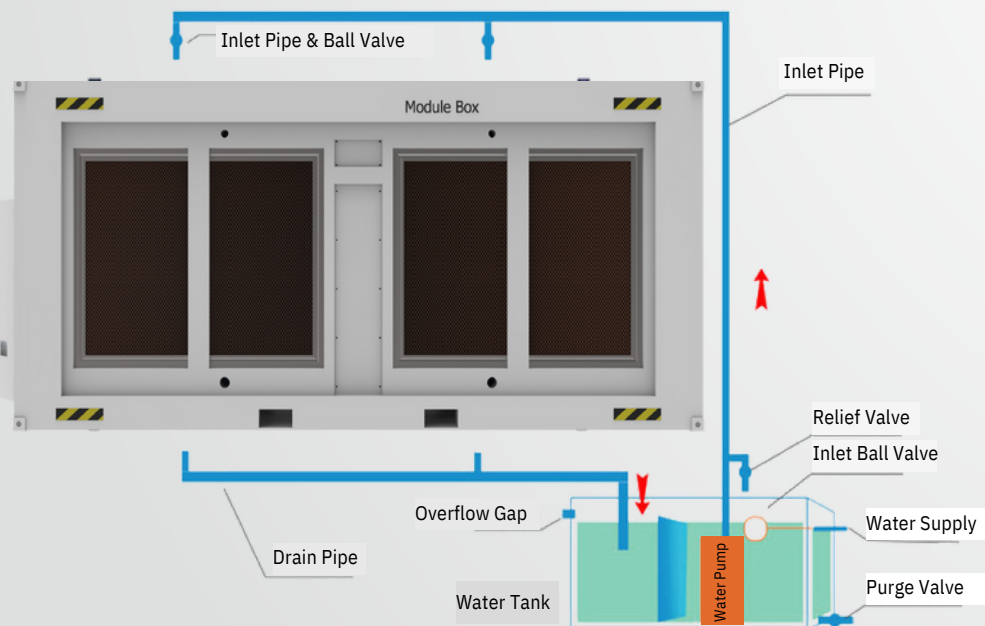
### Cooling System

#### 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.



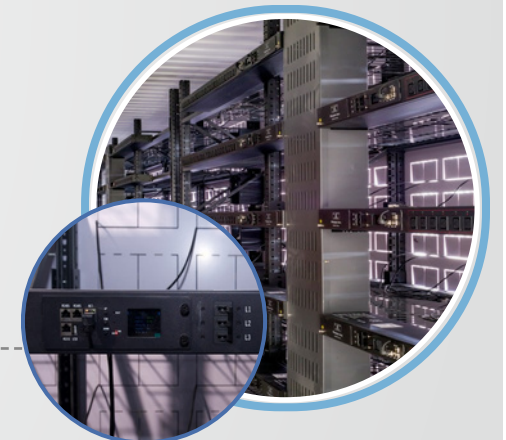
### Distribution System

- 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



### 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

Specifcation

External sizes (mm)
Internal sizes (mm)
Weight
Overall volume (m3)

Shelf System

Internal shelf layers
Maximum miners
Miner model
Shelf height (mm)
Adjustable shelf hole distance (mm)

Power Supply System

Input voltage
Module output
Maximum total power
PDU power
Custom switch
Intelligent PDU
Intelligent server

Multi-Level Security Protection

Input mode

Cooling System

Cooling mode
Water supply pressure
Cold and heat isolation panel
Dust screen
Louver

Other Details

Intelligent control system
Fire fighting system
Temperature & humidity monitoring

Operating Conditions

Applicable environments
Ground requirements
Working temperature
Working humidity
Working altitude

Security Certification

Container body certification
Electrical safety certification



Module box-20HC

6058 × 2438 × 2896
5900 × 1380 × 2600
4T(±5%)
42.77



Module box-40HC

12192×2438×2896
11800×1380×2600
8T(±5%)
86.08

2 × 6

210
S19Pro or others
400
40

4 × 6

420
S19Pro or others
400
40

360 V – 480 V360 V – 480 V

200 V – 277 V, 50–60 Hz200 V – 277 V, 50–60 Hz
A)1500 kw/h (6250 A)
3696 w/h (20A)3696 w/h (20 A)
200 V – 280 V200 V – 280 V
200 V – 280 V200 V – 280 V
200 V – 280 V200 V – 280 V

Class 1 – Leakage protector

Class 2 – Fuse protector

Class 3 – Breaker control switch

Class 4 – PDU independent power outage

3-phase equilibrium3-phase equilibrium

Water cooling curtain, miner fan heat dissipation

≤ 1.5 Pa

Waterproof, flame-retarded

Reduce attachments

Rainproof

The first inclusive network-based background interaction system

Smoke detector

Temperature & humidity sensor

For both indoor and outdoor uses

Hardening treatment

-35 °C to 50 °C

0–90% RH

0–2000 m

CCS safety certification

CE & CUL certification