# IMMERSION
## MOBILE MINING CONTAINER

**BitTech**

## Immersion Mobile Mining Container

Immersion mobile mining container is specially designed for large–scale digital mining. It adopts the latest immersion technology in the industry to solve the problems existing during miner operation including overheating, low heat dissipation efficiency, huge noise, high operating costs, etc. Meanwhile, our independently developed intelligent 0 manual O&M (Operation and Maintenance) system can achieve three–dimensional integrated control through the website remote server, local server and mobile phone server.

# Immersion Mobile Data Center Saves Operation & Maintenance Costs

### Cooling System

Every miner is vertically immersed into the cooling fluid in the enclosure and the heat generated by miner is transferred to the outside cooling tower (Cooling towers of different types can be adopted) through cooling liquid for heat dissipation. The cooling liquid after cooling is returned to the immersion mobile mining container through the circulating pump to transfer the heat generated continuously.
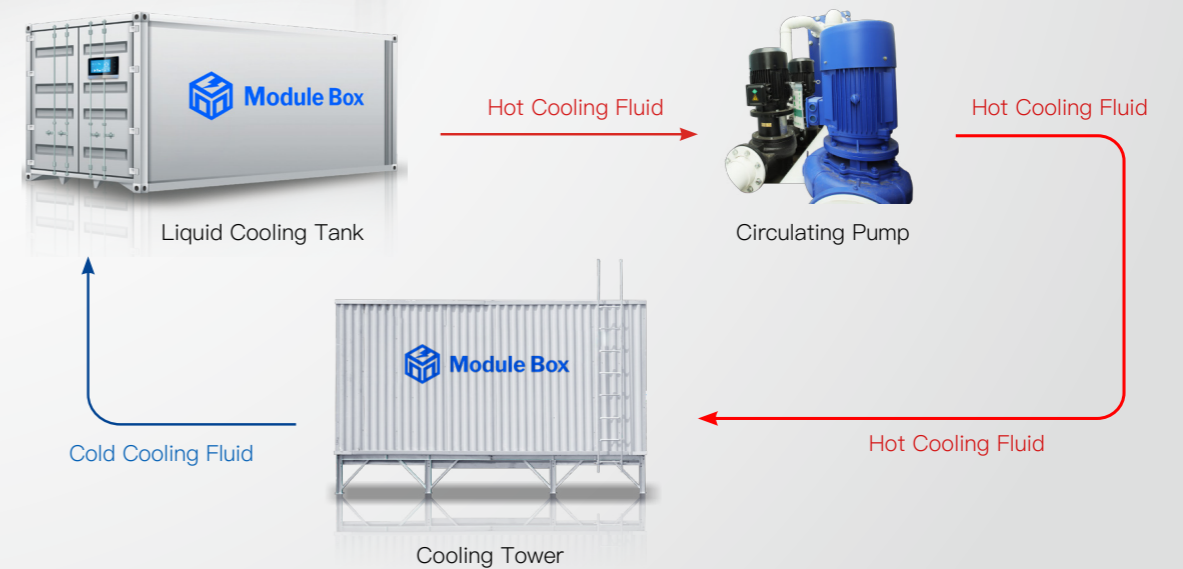
### Stand

In the container, there are 2 × 24 enclosures. Every enclosure holds 8 miners in vertical arrangement. So, the container can accommodate a total of 384 miners. 48 PDU units provide power supply for each miner.



Liquid Cooling Tank

Hot Cooling Fluid

Circulating Pump

Hot Cooling Fluid

Cold Cooling Fluid

Hot Cooling Fluid

Cooling Tower

# Immersion Mobile Mining Container

**Module Box**

## Product Series

We can provide custom immersion mobile mining container services according to your actual requirements and local environment. If you are looking for immersion mobile mining container, just contact us.

### Basic Version.

Meet high performance heat dissipation requirements.

- Quiet, no noise
- Eco–friendly, energy saving
- Stable long–term run
- Modular installation

### Standard Version

Meet higher demands for hash rate and overlocking.

- High hash rate density
- High volume
- No shutdown maintenance
- Low failure rate

### Smart Version.

Equipped with intelligent Internet of things for remote control.

- Equipment intelligent system
- Dynamic replenishment system
- Remote control system
- Hash rate supervision system

## Basic Data

| External dimensions (L × W × H, mm) | 112192 × 2418 × 2896 |
|---|---|
| Curb weight (excluding miners and cooling liquid) | 11.96 tons |
| Full load | about 25.6 tons |
| External color | white |
| Internal color | greyish–white |
| Way of cooling | immersion fluid cooling |
| Operating temperature | –25 ˚C to 50 ˚C |
| Operating humidity | ≤ 85% RH |
| Altitude | ≤ 45 |
| Power supply system | TN–S |
| Main circuit breaker | 6 × 630A |
| PDU breaker | 48 × 80A |
| PDU fuse | 25A for every socket |
| Total power capacity | 1.8 MW |
| External power input | 3–phase, 380V — 415V, 50/60Hz |
| PDU socket power supply | single–phase, 200V — 240V |

### Applicable Model & Quantity

17/19 all series can support 384 miners (default), whatsminer 20S/30S + all series can support 576 miners

1.6 MW — 2.1 MW

6KW single stand peak load meets the requirements of over–frequency power.

## Features

**30%**
Short Payback Period
30% faster than fan cooling mobile mining container

**40%**
High Investment Revenue
40%+ profit growth per miner

**99%**
High Miner Online Rate
Infinitely close to 99%

**10 min**
Fast miner Maintenance
Special supporting equipment; Miner no residue cleaning can be finished in 10 minutes.

**2 times**
Longer Lifespan
2 times of extended miner lifespan

**98% degradation**
OSHA Compliance
Cooling fluid is OSHA compliance. Do no harm to human body.

### Low Maintenance Costs

Save labor operation and maintenance costs. A maintainer can manage 5000 miners at the same time.

### Extreme Environment

Suitable for regions with different temperature and humidity conditions, especially for Middle East and other hot areas.

### High Compatibility

Suitable for all main brand miner models.

### No Noise

One of the biggest advantage is to eliminate noise and avoid the impact of noise on hearing and the surrounding environment.

### Intelligent Control

Intelligent 0 manual O&M system can achieve three–dimensional integrated control through the website remote server, local server and mobile phone server.