

MOBILE MINING CONTAINER USER MANUAL



Module Box



No Smoking



No Burning



Danger!
High Voltage



Caution



Electric Insulation
Protection Required



Ear Protection
Needed

Inspection

- After the arrival of the product, the product integrity needs to be checked. If there are problems such as damage to the surface of the product, please contact the shipper and negotiate compensation in a timely manner.
- Our products are configured in modules, it is inevitable that the product will encounter bumps during transportation. Before powering on the product for testing, please check if all machines are placed in correct positions. If everything is OK, the product can be used normally.

Installation of the Power Supply System

- Three-phase supply has three live lines and are usually called phase A (phase U), phase B (phase V) and phase C (phase W).
- Each phase is 120 degrees apart, and the voltage between phases (AB, AC, BC) needs to be kept within 360 V – 460 V, and the frequency within 50–60 Hz.
- Power supply units generally adopt a three-phase five-line system, in addition to three live lines, there is also a null line and a ground line. Please note that because we use three-phase balancing technology, you need to use cables of the same cross-sectional size to act as three live lines and one null wire.
- The red, green and yellow indicators on the PDU at the lower end of the three-phase distribution box actually correspond to the red, green and yellow phases of phases A, B and C, so that professional operation and maintenance personnel can carry out rapid three-phase power balancing.

Operation & Maintenance

- Operation and maintenance personnel should always pay attention to the gas pressure of the transformer. If there is a problem, professional personnel should be notified and come to carry out maintenance.
- Operation and maintenance personnel should always pay attention to the real-time temperature of the cable of each phase, the cable temperature should be always controlled below 75 ° C and shall not be greater than 85 ° C. If the cable temperature exceeds the normal range, the operation and maintenance personnel should immediately notify the professionals for emergency treatment. The professionals should control the three-phase power consumption to reach the balance point in accordance with the three-phase voltage and current displayed in the control panel, and gradually reduce the power consumption until the cable temperature is less than 75 ° C.
- Operation and maintenance personnel should always pay attention to the readings of the temperature control system and control the water curtain water supply, the built-in dust net should be removed and cleaned every 3 months, while cleaning the built-in water curtain system.
- Operation and maintenance personnel should always pay attention to the operating status of the power adapter of the internal appliances. If there is an abnormality, please cut off the power before replacing the relevant accessories. PDU users only need to pull out the corresponding power plug to complete the replacement.

Construction of the network system

- The server unit has a built-in network connection for the local system and uses a secondary bridge. Each unit only needs to connect one dial-up network cable to any switch to build the network for the whole system. If multiple units are used in a cluster, please pay attention to the reasonable allocation of network segments.
- When commissioning personnel use batch management software to commission equipment in the pre-operation period, please take out the network cable from the current unit switch to connect to the commissioning computer. It is forbidden to connect to the network from the upper router.

Installation of the temperature control system

- If the operating environment temperature is higher than 35 ° C, please connect the water pipe to the water inlet at the upper end of the air blower, and feed low temperature water, the water feed amount and water temperature will directly affect the actual cooling effect.
- The interior of the box is equipped with automatic frequency conversion temperature controller. You can activate Auto Booth by pressing the Manual button for 5 seconds until the Auto Boot indicator is up. For the Auto function, please click the Auto button directly.
- As we have added an anti-leakage system that meets local safety regulations, please avoid damage to the cable of the temperature sensing probe, otherwise the corresponding inverter control system will be paralyzed. If the above-mentioned condition occurs during your use, we will do our best to provide a replacement-only service lasting 700 days.

Disclaimers

- All consequences caused by force majeure shall be borne by the user.
- All consequences caused by illegal modification or overload use shall be borne by the user.
- All consequences caused by human factors, such as theft, robbery, virus infection, etc. shall be borne by the user.
- All consequences caused by human factors such as wrong phase of power supply and wrong voltage of power supply shall be borne by the user.
- All consequences caused by artificially forced manual power supply shall be borne by the user.
- When using this product for the first time, please be sure to check all power supply interfaces for looseness due to transportation bumps. Please double check before use. All consequences caused by ignoring this procedure will be borne by the user.

Hengshui BitTech Co., Ltd.

info@module-box.com <https://www.module-box.com>

