

SolarTech Power Solutions

Container outdoor power supply voltage



Overview

How many power supplies can be mounted in a 40ft container?

Power supplies <300kW can be mounted in only a single 40ft container, while greater powers can be achieved in multiple containers and connected upon delivery. Depending upon specifications, containerized power supplies may be stacked, or located side-by-side. Setup and testing or shut-down and packing can be achieved within a matter of days.

What is the standard power supply voltage?

The standard supply voltage is 440/460 volts. Units can also operate with 208/230 volt three-phase transformers and are compatible with both 50 and 60 Hz frequencies. Grounding and Circuit Protection: A grounded power supply is mandatory for safety.

What types of power supplies can be provided?

A wide range of high voltage, CW DC, pulsed or modulated waveform outputs can be provided. The entire system is made to be entirely weatherproof. Power supplies <300kW can be mounted in only a single 40ft container, while greater powers can be achieved in multiple containers and connected upon delivery.

How many amps does a 208/230 volt power supply need?

For power supplies using 208/230 volt, then the circuit breakers must have a minimum of 50 amps. The unit is delivered with a 460 volt cable and an ISO standard CEE power plug (59 feet/18 meters). The 230 volt cable does not have a power plug. The refrigerated container must be protected from electrical power surges.

How many volts does a reefer container have?

The units come with an external disconnect feature and can handle large variances in voltage and frequency, including international standards (50Hz).

Delivery and Plug Specifications: Each reefer container is equipped with a 460-volt cable and an ISO standard CE power plug (18 meters/59 feet in length).

How many amps does a 230 volt power supply need?

The power supply must be grounded and have circuit breakers with a minimum of 30 amps. For power supplies using 208/230 volt, then the circuit breakers must have a minimum of 50 amps. The unit is delivered with a 460 volt cable and an ISO standard CEE power plug (59 feet/18 meters). The 230 volt cable does not have a power plug.

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12.8V 200Ah



Refrigerated Container Electrical Requirements

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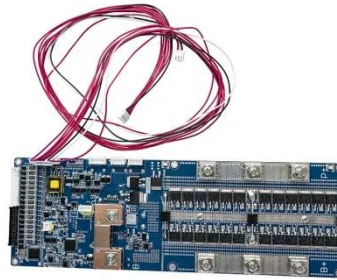


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