

ContainerPower Energy Solutions

30kw inverter rated current



Overview

Rated current is 60A at 380V ~ 480V, and 112A at 220V ~ 240V. Excellent overload capacity, as evidenced by 150% of rated current for 1 minute, 180% of rated current for 3 seconds. What is the maximum input voltage for a 40kW inverter?

The inverter has a maximum input current, such as 40A for 40kW. Only when the input voltage exceeds 550V, the output is likely to reach 40kW. When the input voltage exceeds 800V, the heat generated by the loss increases sharply, causing the inverter to derate the output.

What is a 30 kW frequency inverter?

A 30 kW frequency inverter, also known as a Variable Frequency Drive (VFD) or Adjustable Frequency Drive (AFD), has numerous applications across various fields and industries. Some of the key application fields include:

How does a 30kW inverter drive work?

The automatic voltage regulator (AVR) of the 30kw inverter drive maintains constant output voltage during power supply voltage fluctuations. The 3-phase variable frequency drive can automatically limit operating current to avoid frequent overcurrent trips.

How many volts can a 30 kW inverter handle?

Rated current is 60A for 380V-480V and 112A for 220V-240V. It can handle 150% overload for 1 minute and 180% for 3 seconds. The 30 kW 3-phase inverter operates at (-10°C, 40°C), and derate by 5% for every 1°C increase if the ambient temperature exceeds 40°C.

What is a 30kVA / 360 volt inverter?

The Su-Kam inverter is a 30kVA output capacity digital pure sine wave inverter, capable of powering a sizable set of household or office appliances. It is a 360 volts inverter that requires four units of 5V batteries.

What is a 30 kW variable frequency drive?

The 30 kW variable frequency drive has numerous applications across various fields and industries, such as industrial automation, pumping stations, wind turbines, irrigation pumps, food and beverage industry, power generation, etc. A high-performance 30 kW (40 hp) frequency inverter, offering three-phase voltages of 240V, 420V, and 480V.

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