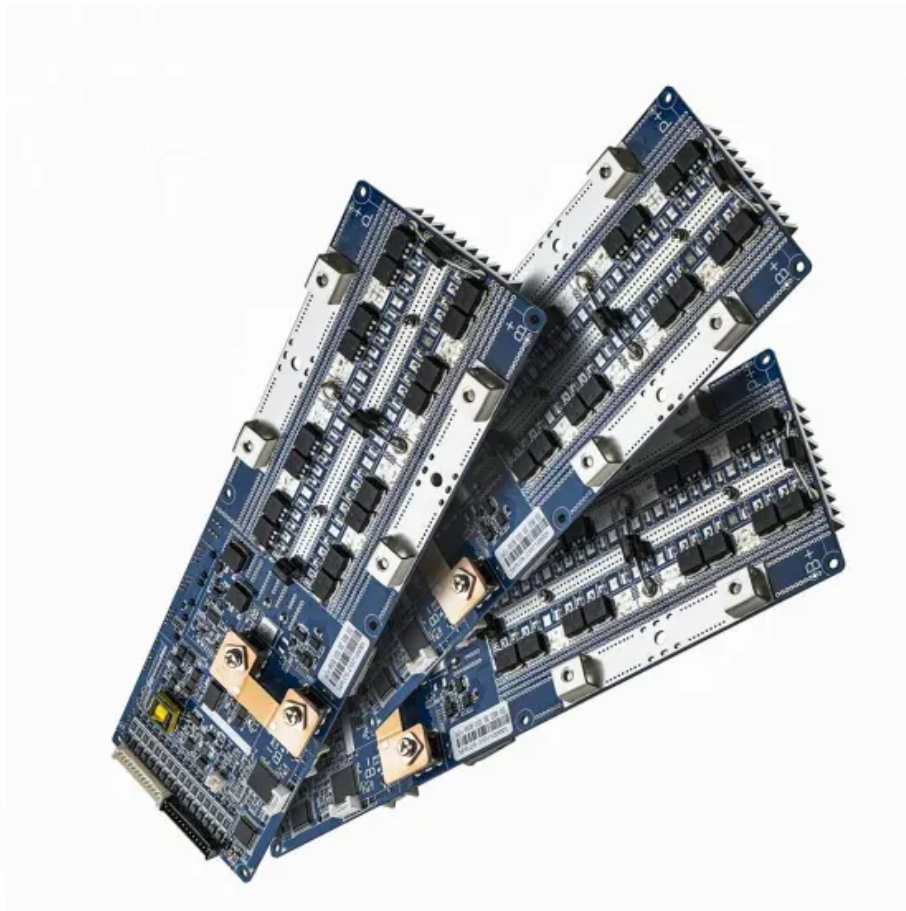


SolarTech Power Solutions

Single-phase 200v inverter



Overview

What is a single phase 200 V & 100 V motor?

*8 : The output to motors of the single-phase 200 V and single-phase 100 V input models is three-phase 200 V. Realize even higher responsiveness during real sensor-less vector control or vector control, and achieve faster operating frequencies. The latest automatic tuning function supports various induction motors and also sensor-less PM motors.

Can a single phase inverter be connected to a portable power generator?

For inverters that can accept single-phase power and are connected that way, terminal [S/L2] will remain unconnected. Note the use of ring lug connectors for a secure connection. NOTE: An inverter powered by a portable power generator may receive a distorted power waveform, overheating the generator.

Where can a zero phase inverter be used?

It can be used on the input or output side of the inverter. The example zero-phase reactor shown to the right comes with a mounting bracket. The wiring must go through the opening to reduce the RF component of the electrical noise.

What is a wj200 series inverter?

Page 331 B–2 Introduction WJ200 Series inverters have built-in RS-485 serial communications, featuring the ModBus RTU protocol. The inverters can connect directly to existing factory networks or work with new networked applications, without any extra interface equipment. The specifications are in the following table.

What voltage does an inverter output?

The inverter provides an analog voltage output on terminal [AM] with terminal [L] as analog GND reference. The [AM] can output inverter frequency or

current output value. Note that the voltage range is 0 to +10V (positive-going only), regardless of forward or reverse motor rotation.

What filter should I use for a wj200 inverter?

Use a filter designed for WJ200 inverter. Refer to the instruction of the applicable external EMC filter. 20 meter or less. If the motor cable length exceeds the value shown above, use output choke to avoid unexpected problem due to the leakage current from the motor cable.

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Contact Us

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