

# Single-phase 220v to 380v three-phase inverter

What is 220V single phase to 380V 3 phase converter?

The 220V single phase to 380V 3 phase converter is an electrical device that converts current from one frequency to another. Since the input voltage is 220V and the output voltage is 380V, and the voltage can be varied before and after the conversion, it places high demands on the technology and reliability of the converter.

What is a single phase inverter?

A single-phase inverter is simply a device that uses a single-phase 220V input power source and converts it to a 3-phase 220V or 380V current. Currently, most inverters have a 3-phase 220V input, but even if you supply a single-phase 220V, the inverter will still work.

What is a 220V 380V 3 phase output VFD?

Look no further than our 220V single phase input, 380V three phase output VFDs! Our state of the art VFD technology allows for seamless single phase to three phase conversion, giving you the power and flexibility you need to run even the most demanding equipment.

What is 220V to 380V inverter?

In fact, the single-phase 220V to 3-phase 380V inverter, which is a normal 380V inverter, has been improved by the technician by adding a voltage doubler circuit before the input source. So when we supply 220V power, it will be doubled to 1 phase 380V - 400V.

Can a 380V motor be used as a frequency inverter?

It can be used as a motor speed controller and a frequency inverter. In general, most AC motors are three-phase 380V and cannot operate without three-phase power. You can only find a way to convert single phase 220V to three phase 380V.

Do I need to use 3 phase 380V?

Factories that cannot pull 3-phase 380V electricity to use for machines whose motors cannot be connected to 3-phase 220V are required to use. If the motor of the machine can be re-connected to 3 phase 220V, you do not need to use it.

220V to 380V frequency converter is to solve the problem that the motor of electric equipment is 380V three-phase, but there is no 380V three-phase power supply around it, but only 220V ...

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