

## ContainerPower Energy Solutions

# Inverter 33kW parameter selection



## Overview

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Which string inverter is best for C&I power plants?

"n + 1" Flexible Configuration, Lower Cost IP66 Protection and C5 Anti-Corrosion, Higher Protection For C&I power plants, Sungrow provides 33kW ~ 110kW power level string inverters to adapt to a wide range of applications.

What is a PVS string inverter?

This new PVS string inverter family, with power ratings of up to 33 kW, has been designed with the objective to maximize the ROI in commercial and industrial applications such as rooftop plants, carports and trackers.

How much power does an inverter need?

It's important to note what this means: In order for an inverter to put out the rated amount of power, it will need to have a power input that exceeds the output. For example, an inverter with a rated output power of 5,000 W and a peak efficiency of 95% requires an input power of 5,263 W to operate at full power.

What are the features of Sungrow Power supply inverter?

The inverter adopts polyester resin spraying, 316 stainless steel external fastener, 480 hours strict test, and reaches C5 anti-corrosion level. Multiple high-level protection can easily cope with all kinds of harsh environments.  
Fig.4 Flexible Configuration of Commercial and Industrial PV Plants Sungrow Power Supply Co., Ltd. All rights reserved.

What is Sungrow string inverter series sg33/40/50/110cx?

Sungrow provides its new string inverter series SG33/40/50/110CX covering complete application scenarios, which comprehensively considering the overall system cost, power generation efficiency, return of investment and O&M, so as to ensure that the power plant operates efficiently and get higher benefits.

What are inverter specifications?

Specifications provide the values of operating parameters for a given inverter. Common specifications are discussed below. Some or all of the specifications usually appear on the inverter data sheet. Maximum AC output power This is the maximum power the inverter can supply to a load on a steady basis at a specified output voltage.

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## Contact Us

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