



# Chint's photovoltaic grid-connected inverter



## Overview

The CPS SCA50KTL-DO photovoltaic grid-connected inverter is a transformerless design and three-phase AC output. A DC input voltage of up to 1100V makes the PV system configuration more flexible. Thank you for choosing a CPS Grid-tied PV Inverter (hereinafter referred to as "PV Inverter") developed by CHINT POWER SYSTEMS AMERICA CO. Do not connect the AC output of this equipment directly to private AC power equipment. The patented three-level control algorithm and thermal design make our products the highest efficiency. Solar Electric Supply proudly distributes the Chint Power Systems commercial inverter lineup, delivering proven performance across a comprehensive range from 25kW to 100kW three-phase systems. 1 Photovoltaic system for grid connection CPS SC100KT grid connection. Chint Power Systems (CPS) is a global leader in smart energy solutions, specializing in reliable and efficient photovoltaic inverters.



## Article Content

CPS SCA-S/SM Series Grid-tied PV Inverter CPS SCA1/2/2.5/3/3 ...

This user manual introduces the inverter in terms of its installation, electrical connections, operation, commissioning, maintenance, and troubleshooting. Please read through the manual carefully before ...

CPS SC100KT-English

The inverter will maximize the photovoltaic array output power in MPPT (Maximum Power Point Tracking) during the grid connection and power generation. Meanwhile, the inverter will check the ...

Best PV Inverters For Solar Panels | CHINT global

The CPS SC series of grid-tied PV power inverters may be used on a wide range of residential and business rooftops and some utility systems. Due ...

Chint Power CPS SCA50kW/400V Commercial Photovoltaic Grid ...

The CPS SCA50KTL-DO photovoltaic grid-connected inverter is a transformerless design and three-phase AC output. A DC input voltage of up to 1100V makes the PV system configuration more flexible.

20kW Grid-tied PV Inverter for North America

The CPS SC20KTL-DO/US-480 grid-tied PV inverter is a transformerless, three phase product designed for the North America market in compliance with UL and CSA standards.

Chint Power CPS Series Installation And Operation ...

For grid connection only! This inverter is specially designed for directly connecting AC power to public power grid. Do not connect the AC output of this equipment ...

CHINT POWER

Top five!Chint power has won the 365 global photovoltaic ranking list!

CPS Series Photovoltaic Grid Connection Inverter

The system is generally made up of PV modules, PV inverter and AC power distribution equipment, as shown in Figure 2-1. The inverter converts the available DC energy from the PV modules to AC ...

Chint Power Systems Commercial String Inverters 25kW-100kW

These inverters feature advanced MPPT technology, integrated safety systems, and Smart Grid compliance with IEEE 1547-2018 and Rule 21 certifications.

Chint Power Grid-Tie Solar Inverters

Known for their advanced technology and commitment to sustainability, Chint Power delivers scalable solutions for residential, commercial, and utility-scale ...

## Contact Us

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