

# CPS SCA110KTL-DO/EU

Chint Power Three-phase Inverter  
High Return of the Whole Life Cycle



## Low Investment

Three-phase string series inverters not only are diversified products providing optional DC switch, integrated DC combiner box, optional PID protection module and RS485/Ethernet/PLC wireless communication, which can match the requirements of different customers, but also can support 10% rated overload which can efficiently decrease initial investment of system.

## High Profits

Three-phase string inverters can provide 98.8% maximum efficiency, 98.4% Euro efficiency, 99.5% MPPT efficiency, advanced topology design and international known device options, which can guarantee the profits of the Whole Life Cycle.

## Maintenance Warranty

String inverter can support remote monitoring, fault diagnosis and software upgrade, 7\*24H after-sales service can guarantee the maintenance of the Whole Life Cycle.

Model Name	CPS SCA110KTL-DO/EU
<b>DC Input</b>	
Max. DC Voltage	1100Vdc
MPPT Voltage Range (Full Load)	480-870Vdc
Rated DC Voltage	615Vdc
Number of MPPT	9
Number of DC Connection Sets per MPPT	2
Max. DC Current	9*26A
Max. Current for input connector	13A
DC Disconnection Type	Integrated Switch
<b>AC Output</b>	
Rated AC Power	100kW
Max. AC Power	110kVA
Rated AC Voltage	400Vac
AC Voltage Range*	322~528Vac
Grid Connection Type	3Φ / N(Optional) / PE
Max. AC Current	167A
Rated Frequency	50Hz / 60Hz
Grid Frequency Range*	47 - 53 Hz/ 57 - 63Hz
Power Factor (cosφ)	±0.8 (adjustable)
Current THD	< 3%
AC Disconnection Type	-
<b>System Data</b>	
Topology	Transformerless
Max. Efficiency	98.80%
Euro Efficiency	98.40%
Consumption at Night	< 6W
<b>Environment Data</b>	
Ingress Protection	IP66
Cooling Method	Cooling Fans
Operating Temperature Range	-30°C ~ 60°C (derating from +45°C)
Ambient Humidity	0 - 100%, Non-condensing
Altitude	4000m
<b>Display and Communication</b>	
Display	LED+ APP (Wi-Fi)
Communication	RS485 (Standard) / Ethernet & PLC (Optional)
<b>Mechanical Data</b>	
Dimensions (W*H*D) [mm]	1050x660x340
Weight [kg]	86
<b>Safety</b>	
Certifications	IEC/EN 61000-6-2, IEC/EN 61000-6-4, IEC/EN 62109-1/2, IEC 61727, IEC 62116, IEC 60068-2, IEC 61683

\* "Output Voltage Range" and "Output Frequency Range" may be differ according to specific grid codes.