

CPS SCH250KTL-DO/EU

Chint Power 1500V String Inverter
High Return of the Whole Life Cycle



Low Investment

Three-phase string series inverters products providing standard configuration DC switch, integrated DC combiner box, standard class II lightning protection, PLC/RS485 communication, which can match the requirements of different customers.

High Profits

High DC/AC ratio up to 1.5; Three-phase string inverters can provide 99.0% maximum efficiency, 98.5% 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 SCH250KTL-DO/EU
DC Input	
Max. DC Voltage	1500Vdc
MPPT Operating Voltage Range	500-1450Vdc
Start Voltage/Power	550Vdc / 500W
Rated DC Voltage	1190Vdc
Number of MPPT	12 / 6
Number of DC Connection Sets per MPPT	2 / 3
Max. DC input current	30A*12 / 60A*6
Max. DC short-circuit current per MPPT	50A / 90A
DC Disconnection Type	Integrated Switch
AC Output	
Rated AC Power	250kW
Max. AC Power	250kVA/275kVA
Rated AC Voltage	800V
Rated AC Voltage Range	680 - 880Vac
Grid Connection Type	3Φ / PE
Max. AC Current	180.4A / 198.5A
Grid Frequency	50 / 60Hz
Grid Frequency Range	47-53 / 57-63Hz
Power Factor (cosφ)	±0.8 (adjustable)
Current THD	< 3%
AC Disconnection Type	-
System Data	
Topology	Transformerless
Max. Efficiency	99.0%
Euro Efficiency	98.5%
Consumption at Standby/Night	<30W / <6W
Protection	
DC reverse connection protection	Yes
AC short circuit protection	Yes
Leakage current protection	Yes
Grid monitoring	Yes
Ground fault monitoring	Yes
Surge Protection	DC Type II / AC Type II
Environment Data	
Ingress Protection	IP66
Cooling Method	Cooling Fans
Operating Temperature	-30°C - +60°C
Ambient Humidity	0 - 100%
Altitude	4000m
Display and Communication	
Display	LED+ APP
Communication	PLC/RS485(Standard)
Mechanical Data	
Dimensions (W*H*D)	1100 * 680 * 337mm
Weight	105kg
DC Connection Type	MC4
AC Connection Type	OT/DT Terminal
Safety	
Certifications	IEC/EN 61000-6,IEC/EN 62109,IEC 61727/62116/60068/61683,EN 50530,NBR 16149/16150

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