

# CPS SCH275KTL-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, RS485/Wi-Fi/4G/PLC communication, which can match the requirements of different customers.

### High Profits

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 SCH275KTL-DO/EU
DC Input	
Max. DC Voltage	1500Vdc
MPPT Operating Voltage Range	500-1450Vdc
Start Voltage	550Vdc / 500W
Rated DC Voltage	1190Vdc
Number of MPPT	12/6
Number of DC Connection Sets per MPPT	2 / 3
Max. input current per MPPT	30A*12 / 60A*6
Max. DC short-circuit current per MPPT	50A / 90A
String Fuse	N/A
DC Disconnection Type	Integrated Switch
AC Output	
Rated AC Power	275KW
Max. AC Power	275kVA
Rated AC Voltage	800V
AC Voltage Range <sup>1</sup>	680 - 880Vac
Grid Connection Type	3Φ / PE
Max. AC Current	198.5A
Grid Frequency	50/60Hz
Grid Frequency Range <sup>1</sup>	47-53/57-63Hz
Power Factor (cosφ)	>0.99(±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
AFCI	N/A
Environment Data	
Ingress Protection	IP66
Cooling Method	Cooling Fans
Operating Temperature	-30°C to +60°C
Ambient Humidity	0 - 100%, Non-condensing
Altitude	4000m
Display and Communication	
Display	LED + APP(Bluetooth)
Communication	RS485/Wi-Fi (Standard) & 4G/PLC (Optional)
Mechanical Data	
Dimensions (W*H*D)	1100 * 680 * 337mm
Weight	105kg
DC Connection Type	MC4
AC Connection Type	OT/DT Terminal
Safety	
Certifications <sup>2</sup>	IEC61000-6,IEC/EN 62109,IEC61727/62116/61683/60068,EN50549,NC RfG

1 "AC Voltage Range" and "Grid Frequency Range" may be differ according to specific grid codes.  
2 The certificates are for reference only.Please consult the local sales staff for detailed certification.