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, optional PLC/RS485 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	CPS SCH275KTL-DO/EU2
DC Input		
Max. DC Voltage	1500Vdc	
MPPT Voltage Range (Full Load)	860-1300Vdc	
Start Voltage/Power	600Vdc / 300W	
Rated DC Voltage	1190Vdc	
Number of MPPT	12	6
Number of DC Connection Sets per MPPT	2	3
Max. DC Current	12 * 30A	6 * 60A
Max. Current for input connector	30A	
DC Disconnection Type	Integrated Switch	
AC Output		
Rated AC Power	275kW	
Max. AC Power	275kVA	
Rated AC Voltage	800V	
Rated AC Voltage Range	680 - 880V	
Grid Connection Type	3Φ / PE	
Max. AC Current	198.5A	
Grid Frequency	50/60Hz	
Grid Frequency Range	45-55/55-65Hz	
Power Factor (cosφ)	±0.8 (adjustablE)	
Current THD	< 3%	
AC Disconnection Type	-	
System Data		
Topology	Transformerless	
Max. Efficiency	99.00%	
Euro Efficiency	98.50%	
Consumption at Standby/Night	<30W / <6W	
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(Bluetooth+Wi-Fi)	
Communication	RS485 (Standard) / PLC (Optional)	
Mechanical Data		
Dimensions (W*H*D)	1100 * 680 * 337mm	
Weight	105kg	
Safety		
Certifications	EN 61000-6,EN/IEC 62109,IEC 61727,IEC 62116,IEC 60068,IEC 61683	

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