

CPS SCA110KTL-DO/EU

Chint Power 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, optional Wi-Fi/4G/PLC/RS485 communication, which can match the requirements of different customers, support 10% rated overload which can efficiently decrease initial investment of system.

High Profits

High DC/AC ratio up to 1.5; Three-phase string inverters can provide 99.4% maximum efficiency, 98.0% 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	CPS SCA110KTL-DO/EU2
DC Input		
Max. DC Voltage	1100Vdc	
MPPT Operating Voltage Range	200-1000Vdc	
Start Voltage/Power	300Vdc/100W	
Rated DC Voltage	615Vdc	
Number of MPPT	9	12
Number of DC Connection Sets per MPPT	2	1
Max. DC input current	26A*9	26A*12
Max. DC short-circuit current per MPPT	40A	
DC Disconnection Type	Integrated Switch	
AC Output		
Rated AC Power	100kW	
Max. AC Power	110kVA	
Rated AC Voltage	380V, 400V	
AC Voltage Range*	322~528Vac	
Grid Connection Type	3Φ / PE	
Max. AC Current	160A	
Rated 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	98.4%	
Euro Efficiency	98.0%	
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 Range	-30°C - +60°C	
Ambient Humidity	0 - 100%	
Altitude	4000m	
Display and Communication		
Display	LED+ APP	
Communication	RS485(Standard) / Wi-Fi & 4G / PLC (Optional)	
Mechanical Data		
Dimensions (W*H*D)	1050 * 660* 340mm	
Weight	86kg	
DC Connection Type	MC4	
AC Connection Type	OT/DT Terminal	
Safety		
Certifications	IEC61000-6,IEC/EN 62109,IEC61727/62116/61683/60068,EN50549	

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