

CPS SCA6~15KTL-T/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, Wi-Fi/RS485/4G communication, which can match the requirements of different customers, support 10% rated overload which can efficiently decrease initial investment of system.

High Profits

Three-phase string inverters can provide 98.1% maximum efficiency, 97.6% Euro efficiency, 99.5% MPPT efficiency, fanless 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 SCA6KTL-T/EU	CPS SCA10KTL-T/EU	CPS SCA15KTL-T/EU
DC Input			
Max. DC Voltage	1000Vdc		
MPPT Operating Voltage Range	160-950Vdc		
Start Voltage	200Vdc		
Rated DC Voltage	620Vdc		
Number of MPPT	2		
Number of DC Connection Sets per MPPT	1 / 1	2 / 1	
Max. input current per MPPT	13A / 13A	26A / 13A	
Max. DC short-circuit current per MPPT	15A	30A / 15A	
String Fuse	N/A	N/A	
DC Disconnection Type	Integrated Switch		
AC Output			
Rated AC Power	6000W	10000W	15000W
Max. AC Power	6600VA	11000VA	16500VA
Rated AC Voltage	380V, 400V		
AC Voltage Range ¹	277- 520V		
Grid Connection Type	3Φ / N / PE		
Max. AC Current	10A	16A	22.7A
Grid Frequency	50/60Hz		
Grid Frequency Range ¹	45-55/55-65Hz		
Power Factor (cosφ)	>0.99(±0.8 adjustable)		
Current THD	< 3%		
AC Disconnection Type	-		
System Data			
Topology	Transformerless		
Max. Efficiency	97.9%	98.0%	98.1%
Euro Efficiency	97.3%	97.5%	97.6%
Consumption at Standby/Night	<25W/1W		
Protection			
DC reverse connection protection	Yes		
AC short circuit protection	Yes		
Leakage current protection	Yes		
Grid monitoring	Yes		
Ground fault monitoring	Yes		
Surge Protection	AC Type III		
AFCI	N/A		
Environment Data			
Ingress Protection	IP65		
Cooling Method	Natural Convection		
Operating Temperature	-25°C to +60°C		
Ambient Humidity	0 - 100%, Non-condensing		
Altitude	4000m		
Display and Communication			
Display	LED + APP(Bluetooth)		
Communication	WiFi/RS485 (Standard) & 4G(Optional)		
Mechanical Data			
Dimensions (W*H*D)	380 * 480 * 176mm	400 * 500 * 190mm	
Weight	18.9kg	21.8kg	
DC Connection Type	MC4		
AC Connection Type	OT/DT Terminal		
Safety			
Certifications ²	EN 61000-6, EN/IEC 62109, IEC 61727, IEC 62116, IEC 60068, IEC 61683, EN 50549, CEI 0-21, UNE 217001, RD 1699, VDE 4105, TOR Erzeuger		

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.