

CPS SCA3~6KTL-SM/EU

Chint Power Single-phase Inverter
High Return of the Whole Life Cycle



Low Investment

Single-phase string series inverters products providing standard configuration DC switch and optional GPRS/WI-FI/RS232 communication, which can match the requirements of different customers, support 10% rated overload and no-screen design, which can efficiently decrease initial investment of system.

High Profits

Single-phase string inverters can provide 97.6% maximum efficiency, 97.3% Euro efficiency, 99.5% MPPT efficiency, fan-less 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 SCA3KTL-SM/ EU▲	CPS SCA4KTL-SM/ EU▲	CPS SCA5KTL-SM/ EU▲	CPS SCA6KTL-SM/ EU▲
DC Input				
Max. DC Voltage	600Vdc			
MPPT Voltage Range (Full Load)	170-520Vdc	190-520Vdc	240-520Vdc	300-520Vdc
Start Voltage	90Vdc			
Rated DC Voltage	360Vdc			
Number of MPPT	2			
Number of DC Connection Sets per MPPT	1			
Max. DC Current	11A/11A			
Max. Current for input connector	15A			
DC Disconnection Type	Integrated Switch			
AC Output				
Rated AC Power	3000W	4000W	5000W	6000W
Max. AC Power	3300VA	4400VA	5500VA	6600VA
Rated AC Voltage	220V, 230V, 240V			
Rated AC Voltage Range	180- 280V			
Grid Connection Type	L + N + PE			
Max. AC Current	14.3A	19.1A	23.8A	28.6A
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	97.6%	97.6%	97.8%	98.0%
Euro Efficiency	97.2%	97.3%	97.3%	97.4%
Consumption at Standby/Night	< 6W/0.2W			
Environment Data				
Ingress Protection	IP65			
Cooling Method	Natural Convection			
Operating Temperature	-25°C to +60°C			
Ambient Humidity	0 - 100%			
Altitude	4000m			
Display and Communication				
Display	LED + APP (Bluetooth)			
Communication	RS232(Standard) / Wi-Fi & GPRS(Optional)			
Mechanical Data				
Dimensions (W*H*D)	335 * 426 * 125mm			
Weight	12.8kg			
Safety				
Certifications	EN 61000-6-EN/IEC 62109/IEC 61727/IEC 62116/IEC 60068/IEC 61683 EN 50549/CEI 0-21/ RD 1699			
▲ This model is also available in EU market.				