

CPS SCA60KTL-T/EU-400

Chint Power String Inverter
High Return of the Whole Life Cycle



Low Investment

Three-phase string series inverters not only are diversified products providing optional DC switch, integrated DC combiner box, optional PID protection module and GPRS/Wi-Fi/Ethernet/RS485 wireless communication, which can match the requirements of different customers, but also can support 10% rated overload which can efficiently decrease initial investment of system.

High Profits

Three-phase string inverters can provide 98.8% maximum efficiency, 98.4% 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

Three-phase string inverters can provide standard warranty for 5 years, optional extended warranty for 10-25 years and smart operation platform, which can efficiently guarantee the maintenance of the Whole Life Cycle.

Model Name	CPS SCA60KTL-T/EU-400
DC Input	
Rated DC Power	61.5kW
Max. DC Voltage	1100Vdc
MPPT Voltage Range	200-960Vdc
MPPT Voltage Range (Full Load)	540 - 850Vdc
Start Voltage	250Vdc
Rated DC Voltage	620Vdc
Number of MPPT/Max. Number of DC Connection Sets	4/3+3+3+3
Max. DC Current	132A (33/33/33/33)
DC Disconnection Type	Integrated Switch
AC Output	
Rated AC Power	60kW
Max. AC Power	66kVA
Rated AC Voltage	380V/400Vac
AC Voltage Range*	277V-520Vac
Grid Connection Type	3Φ / N(Optional) / PE
Max. AC Current	92A
Rated Frequency	50Hz/60Hz
Grid Frequency Range*	45Hz-55Hz/55Hz-65Hz
Power Factor (cosφ)	±0.8 (adjustable)
Current THD	< 3%
AC Disconnection Type	-
System Data	
Topology	Transformerless
Max. Efficiency	98.80%
Euro Efficiency	98.40%
Consumption at Standby/Night	< 20W / < 1W
Environment Data	
Ingress Protection	IP65
Cooling Method	Cooling Fans
Operating Temperature Range	-25°C - +60°C
Ambient Humidity	0 - 100%, Non-condensing
Altitude	4000m
Display and Communication	
Display	Bluetooth & APP +LED, LCD(Optional)
Communication	RS485,WiFi(Optional),GPRS(Optional)
Mechanical Data	
Dimensions (W*H*D) [mm]	855*555*275
Weight [kg]	67
Safety	
Certifications	LVD:2006/95/EC EMC:2004/108/EC, IEC/EN 62109-1:2010, IEC/EN 62109-2: 2011; IEC/EN61000-6-2:2005, IEC/EN61000-6-3:2007, NB/T 320004-2014; GT/T19964-2012, AS/NZS 4777.2

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