

CPS SCA17~30KTL-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, integrated DC combiner box, optional 4G/Wi-Fi/RS485 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 98.6% maximum efficiency, 98.3% 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 SCA17KTL-T/EU	CPS SCA20KTL-T/EU▲	CPS SCA22KTL-T/EU	CPS SCA25KTL-T/EU▲	CPS SCA30KTL-T1/EU▲
DC Input					
Max. DC Voltage	1000Vdc				
MPPT Voltage Range (Full Load)	480 - 800Vdc				
Start Voltage	250Vdc				
Rated DC Voltage	620Vdc				
Number of MPPT	2		2		
Number of DC Connection Sets per MPPT	2		3		
Max. DC Current	27A/27A		40.5A/40.5A		
Max. Current for input connector	15A				
DC Disconnection Type	Integrated Switch				
AC Output					
Rated AC Power	17kW	20kW	22kW	25kW	30kW
Max. AC Power	18.7kVA	22kVA	24.2kVA	27.5kVA	33kVA
Rated AC Voltage	380V , 400V				
Rated AC Voltage Range	277 - 520V				
Grid Connection Type	3Φ / N / PE				
Max. AC Current	28.3A	33.5A	35A	40A	48A
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	98.3%	98.3%	98.3%	98.6%	98.6%
Euro Efficiency	98.0%	98.0%	98.0%	98.3%	98.3%
Consumption at Standby/Night	<25W/1W				
Environment Data					
Ingress Protection	IP65				
Cooling Method	Natural Convection		Cooling Fans		
Operating Temperature	-25°C to +60°C				
Ambient Humidity	0 - 100%				
Altitude	4000m				
Display and Communication					
Display	LED + APP (Bluetooth)				
Communication	RS485(Standard) / Wi-Fi & 4G (Optional)				
Mechanical Data					
Dimensions (W*H*D)	555 * 446 * 270mm				
Weight	37kg		40kg		
Safety					
Certifications	EN 61000-6,EN/IEC 62109,IEC 61727,IEC 62116,IEC 60068,IEC 61683,CEI 0-21, UNE 217001 IN:2015,EN 50549,CEI 0-21,RD 1699				

▲ This model is also available in EU market.