

# CPS SCA30/36KTL-T/SA (208/220/240V)

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 98.0% maximum efficiency, 97.7% 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 SCA30KTL-T/SA		CPS SCA36KTL-T/SA	
DC Input				
Max. DC Voltage	800Vdc			
MPPT Operating Voltage Range	300-680Vdc		300-680Vdc	
Start Voltage	250Vdc			
Number of MPPT	4		4	
Number of DC Connection Sets per MPPT	3/3/2/2		3/3/3/3	
Max. input current per MPPT	39A/39A/26A/26A		39A/39A/39A/39A	
Max. DC short-circuit current per MPPT	45A/45A/30A/30A		45A/45A/45A/45A	
String Fuse	15A			
DC Disconnection Type	Integrated Switch			
AC Output				
Rated AC Power	208Vac	27.5kW	208Vac	32.5kW
	220Vac	29kW	220Vac	34.5kW
	240Vac	31.5kW	240Vac	37.5kW
Max. AC Power	33kVA		40kVA	
Rated AC Voltage	208V, 220V, 240V			
Rated AC Voltage Range	150V-300V(adjustable)			
Grid Connection Type	3Φ / N / PE			
Max. AC Current	76A		92A	
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	98.0%		98.0%	
Euro Efficiency	97.7%		97.7%	
Consumption at Standby/Night	20W/<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	DC Type II / AC Type II			
Environment Data				
Ingress Protection	IP65			
Cooling Method	Cooling Fans			
Operating Temperature	-25°C to +60°C			
Ambient Humidity	0 - 100%, Non-condensing			
Altitude	4000m			
Display and Communication				
Display	LED + APP(Bluetooth)			
Communication	RS485(Standard) / Wi-Fi & 4G(Optional )			
Mechanical Data				
Dimensions (W*H*D)	855 * 565 * 275mm			
Weight	67kg			
Safety				
Certifications	EN 61000-6,EN/IEC 62109,IEC 61727,IEEE 1547			