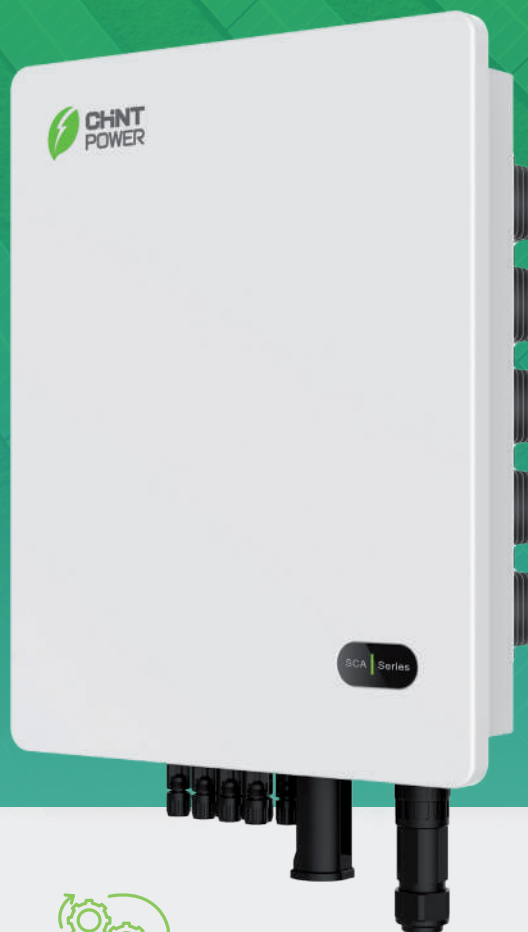


CPS SCA5~25K-T-EU

Three-Phase String Inverter
5~25kW / 2 MPPTs / 1100Vdc System



Efficient

Appealing yield

- 2 MPPTs with Max. Efficiency 98.12%.
- Easily compatible with various PV modules based on max. input current 15A per string.
- 150% DC/AC ratio.
- Lower startup & wider MPPT voltage.
- AFCI function standard.



Smart

Pragmatic option

- Communication interfaces [RS485/Wi-Fi (Standard) & 4G (Optional)].
- Built-in Bluetooth and App for local and remote monitoring.
- Support zero export by meter.

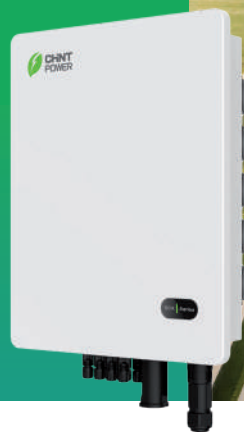


Safe

Solid quality

- Durable and robust component.
- IP66&C5 protection.
- Type II SPD for both DC and AC.

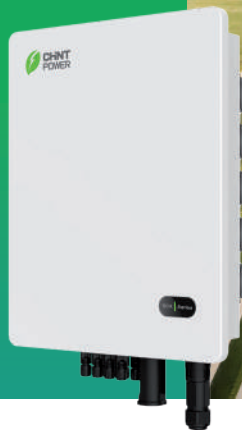
CPS SCA5~25K-T-EU



Model Name		CPS SCA5K- T-EU	CPS SCA6K- T-EU	CPS SCA8K- T-EU	CPS SCA10K- T-EU	CPS SCA15K- T-EU	CPS SCA20K- T-EU	CPS SCA25K- T-EU
DC Input								
Max. DC Voltage	1100Vdc							
MPPT Operating Voltage Range	200 - 1000Vdc							
Start Voltage	250Vdc							
Rated DC Voltage	600Vdc							
Number of MPPT	2							
Number of DC Connection Sets per MPPT	1						2	
Max. Input Current per MPPT	15A						30A	
Max. DC Short-Circuit Current per MPPT	23A						45A	
DC Disconnection Type	Integrated Switch							
AC Output								
Rated AC Power	5KW	6KW	8KW	10kW	15kW	20kW	25kW	
Max. AC Power	5.5kVA	6.6kVA	8.8kVA	11kVA	16.5kVA	22kVA	27.5kVA	
Rated AC Voltage	380 / 400V							
AC Voltage Range ¹	277 - 520V							
Grid Connection Type	3 / N / PE							
Max. AC Current	8.4A	10A	13.4A	16.7A	25A	33.4A	41.8A	
Grid Frequency	50/60Hz							
Grid Frequency Range ¹	45-55/55-65Hz							
Power Factor (Cosϕ)	>0.99 (±0.8 Adjustable)							
Current THD	< 3%							
System Data								
Topology	Transformerless							
Max. Efficiency	97.82%	97.87%	97.69%	97.66%	97.87%	97.87%	98.12%	
Euro Efficiency	96.93%	96.96%	97.41%	97.41%	97.13%	97.42%	97.87%	

¹ AC Power is different under different rated AC voltage.

CPS SCA5~25K-T-EU



Protection

DC Reverse Connection Protection	Yes
AC Short Circuit Protection	Yes
Leakage Current Protection	Yes
24h Grid Monitoring	Yes
Ground Fault Monitoring	Yes
Surge Protection	DC Type II / AC Type II
AFCI	Yes

Environment Data

Ingress Protection	IP66
Cooling Method	Natural Convection
Operating Temperature	-25°C to +60°C
Ambient Humidity	0% - 100%
Altitude	2000 m

Display and Communication

Display	LED + APP (Bluetooth)
Communication	RS485 / Wi-Fi (Standard) & 4G (Optional)

Mechanical Data

Dimensions (W*H*D)	416 * 526 * 204.5 mm	
Weight	17 kg	21 kg
DC Connection Type	MC4 (Max. 6 mm ²)	
AC Connection Type	OT/DT Terminal (Max.35 mm ²)	

Safety

Certifications ²	IEC/EN 61000, IEC/EN 62109, IEC 61727, IEC 62116, IEC 63027, IEC 61683, IEC/EN 62920, EN 55011, C10/11, CEI 0-21, EN50549-1/2, NC RfG, PTPIREE, NTS V2.1, RD 647, RD413, RD 1699, UNE 217002, UTE C15-712-1, DIN VDE 0126-1-1, VDE-AR-N 4105, DIN VDE V 0124, TOR Erzeuger Typ A/B
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*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.

*3 For reference only. Chint Power reserve the right to alterations for the data above.