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DYN GmbH

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DYN GmbH

Die DYN GmbH mit Standort in Wien ist ein erfolgreiches Import-Exportunternehmen in Österreich. Das Unternehmen ist auf Solar/Photovoltaik spezialisiert und hat Niederlassungen in China. Die Waren sind derzeit in Wien lagernd und versandbereit.

DYN GmbH engagiert sich seit vielen Jahren für die Entwicklung und Förderung der wirtschaftlichen, handelspolitischen und kulturellen Zusammenarbeit zwischen China und europäischen Ländern.

PARTNERS

In den letzten Jahren hat das Geschäft mit Photovoltaikmodulen unseres Unternehmens weiterhin Marktanteile erobert, und wir pflegen eine langfristige und stabile Zusammenarbeit bei der Beschaffung von Modulmaterialien.



PRODUKTDATEN

Produktname	Modellnummer	Output	Maße (Länge*Höhe*Tiefe) in mm	Gewicht
Chint Power single-phase Inverter	CPS SCA4.6KTL-SM/EU	4,6kW	335 * 426 * 125	12,8kg
Chint Power 3-phase Inverter	CPS SCA6KTL-T/EU	6kW	380 * 480 * 176	18,9kg
Chint Power 3-phase Inverter	CPS SCA10KTL-T/EU	10kW	380 * 480 * 176	18,9kg
Chint Power 3-phase Inverter	CPS SCA15TL-T/EU	15kW	380 * 480 * 176	21,8kg
Chint Power 3-phase Inverter	CPS SCA20TL-T/EU	20kW	555 * 446 * 270	37kg
Chint Power 3-phase Inverter	CPS SCA30KTL-T1/EU	30kW	555 * 446 * 270	40kg

ZERTIFIKATE

COMPREHENSIVE CERTIFICATES



First solar company which passed the TUV Nord IEC/TS 62941 certification audit.



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 4G/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

High DC/AC ratio up to 1.5; 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 Operating Voltage Range	70-580Vdc			
Start Voltage	90Vdc			
Rated DC Voltage	360Vdc			
Number of MPPT	2			
Number of DC Connection Sets per MPPT	1			
Max. input current per MPPT	13A/13A			
Max. DC short-circuit current per MPPT	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	97.3%	97.3%	97.3%	97.4%
Consumption at Standby/Night	< 6W/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	AC Type III			
Environment Data				
Ingress Protection	IP65			
Cooling Method	Natural Convection			
Operating Temperature	-25°C to +60°C			
Ambient Humidity	0 - 100%, Non-condensing			
Altitude	4000m			
Display and Communication				
Display	LED + APP (Bluetooth)			
Communication	RS232(Standard) / Wi-Fi & 4G (Optional)			
Mechanical Data				
Dimensions (W*H*D)	335 * 426 * 125mm			
Weight	12.8kg			
DC Connection Type	MC4			
AC Connection Type	Plug and play connector			
Safety				
Certifications	EN 61000-6,EN/IEC 62109,IEC 61727,IEC 62116,IEC 60068, IEC 61683,EN 50549,CEI 0-21,RD 1699,UNE 217001,CNAS			

CPS SCA6~15KTL-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, 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

High DC/AC ratio up to 1.5; Three-phase string inverters can provide 98.0% maximum efficiency, 97.6% 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 SCA6KTL-T/EU	CPS SCA10KTL-T/EU	CPS SCA15KTL-T/EU
DC Input			
Max. DC Voltage	1000Vdc		
MPPT Operating Voltage Range	160-950Vdc		
Start Voltage	200Vdc		
Rated DC Voltage	620Vdc		
Number of MPPT	2		
Number of DC Connection Sets per MPPT	1 / 1	2 / 1	
Max. input current per MPPT	13A / 13A	26A / 13A	
Max. DC short-circuit current per MPPT	15A	30A / 15A	
DC Disconnection Type	Integrated Switch		
AC Output			
Rated AC Power	6000W	10000W	15000W
Max. AC Power	6600VA	11000VA	16500VA
Rated AC Voltage	380V, 400V		
Rated AC Voltage Range	277- 520V		
Grid Connection Type	3Φ / N / PE		
Max. AC Current	10A	16A	23A
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%	98.1%	98.2%
Euro Efficiency	97.6%	97.8%	97.8%
Consumption at Standby/Night	<25W/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	AC Type III		
Environment Data			
Ingress Protection	IP65		
Cooling Method	Natural Convection		
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)	380 * 480 * 176mm		
Weight	18.9kg	21.8kg	
DC Connection Type	MC4		
AC Connection Type	OT/DT Terminal		
Safety			
Certifications	EN 61000-6, EN/IEC 62109, IEC 61727, IEC 62116, IEC 60068, IEC 61683, EN 50549, CEI 0-21, UNE 217001, RD 1699		

CPS SCA20~30KTL-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

High DC/AC ratio up to 1.5; Three-phase string inverters can provide 98.2% maximum efficiency, 97.7% 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 SCA20KTL-T/EU	CPS SCA25KTL-T/EU	CPS SCA30KTL-T1/EU
DC Input			
Max. DC Voltage		1000Vdc	
MPPT Operating Voltage Range		180-950Vdc	
Start Voltage		250Vdc	
Rated DC Voltage		620Vdc	
Number of MPPT	2	2	
Number of DC Connection Sets per MPPT	2	3	
Max. input current per MPPT	27A/27A	40.5A/40.5A	
Max. DC short-circuit current per MPPT		45A	
String Fuse	N/A	15A	
DC Disconnection Type		Integrated Switch	
AC Output			
Rated AC Power	20kW	25kW	30kW
Max. AC Power	22kVA	27.5kVA	33kVA
Rated AC Voltage		380V , 400V	
Rated AC Voltage Range		277 - 520V	
Grid Connection Type		3Φ / N / PE	
Max. AC Current	33.5A	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	98.2%	98.2%	98.2%
Euro Efficiency	97.7%	97.7%	97.7%
Consumption at Standby/Night		<25W/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	Natural Convection	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)		555 * 446 * 270mm	
Weight	37kg	40kg	
DC Connection Type		MC4	
AC Connection Type		OT/DT Terminal	
Safety			
Certifications	EN 61000-6,EN/IEC 62109,IEC 61727,IEC 62116,IEC 60068,IEC 61683, EN 50549,CEI 0-21,UNE 217001,RD 1699		