



NEXUS

8, 10, 15, 25 KW ON-GRID INVERTER



HIGH EFFICIENCY Up to 98.7% conversion efficiency with transformerless design.



DUAL MPPT Optimized power tracking with two independent MPPTs.



WIDE VOLTAGE RANGE MPPT operating range: 180V - 1100V.



SMART COOLING Intelligent fan cooling for enhanced performance.



SAFETY FIRST Built-in DC switch, surge protection and insulation monitoring.



GRID STABILITY Supports low/high voltage ride-through (LVRT & HVRT).



Solarman Smart
for enduser



Solarman Business
for installers and EPC



Equipped with dual MPPTs, Supporting solar panels over 600watts.



Waterproof and Dustproof Protection



Logger Stick



Smart PV Monitoring Platform

24/7
AFTER SALES
SERVICE



TECHNICAL PARAMETERS

MODLE NAME	CSE-N8KGT	CSE-N10KGT	CSE-N15KGT	CSE-N25KGT
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DC INPUT DATA

Max. DC input power (KW)	10.4	13	19.5	29.9
Max. DC input voltage(VDC)	1100			
MPPT voltage range(VDC)	180-1000			
Max. DC current(A)	20A/20A			40A/30A
Recommended working voltage(VDC)	650			
MPPT number	2			
Max. input strings per MPP tracker	1/1			2/2

AC OUTPUT DATA

Rated output power (KW)	8	10	15	25
Max. AC power (KVA)	8.8	11	16.5	27.5
Max. output current(A)	13.3	16.7	24	41
Rated power grid voltage(Vac)	400			
Power grid voltage range(Vac)	310~480			
Rated power grid frequency	50Hz/60Hz			
Grid frequency range	45~55Hz/55~65Hz			
THD	<2%(Under the rated power)			
Power factor	>0.99(Under rated power)/Adjustable range 0.8(Leading)~0.8 (Lagging)			
DC component	<0.5%(Under rated power)			

SYSTEM DATA

Max. Efficiency(%)	98.5%	98.6%	98.7%	98.8%
Euro. efficiency(%)		98.2%	97.0%	98.2%
Humidity	0~95%, No condensation			
Cooling	Fan			
Allowed ambient temperature range	-25℃~+60℃			
Consumption during night	<1W			
Noise	<40dB(When the fan starts <50dB)			
Max. altitude	4000m(It needs to be derated when the altitude exceeds 2000m)			

MECHANICAL DATA

Size (width x height x depth)	427mm×450mm×204mm			
Weight	15kg			18kg
Protection class	IP66 (outdoor)			

DISPLAY & COMMUNICATION

Communication interface	RS485/WIFI(optional)/GPRS(optional)			
Human-machine interface	2 LED indicators, 2 lines of LCD display , acoustic sensing switch			