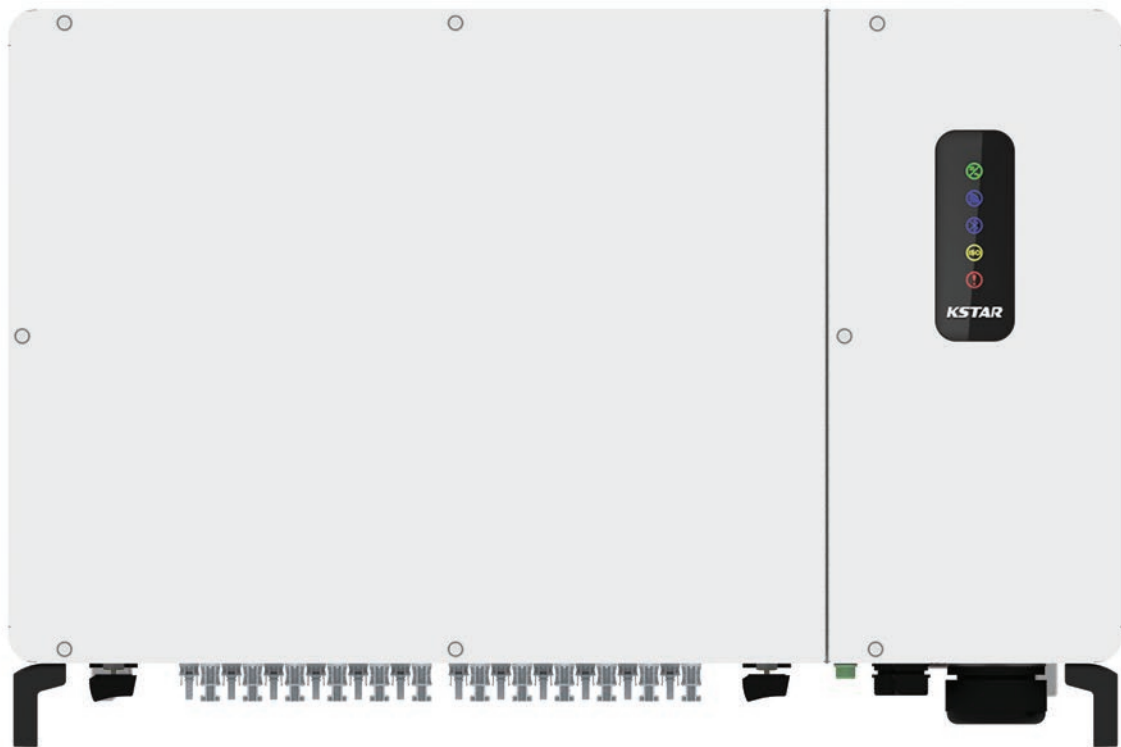




KSG-250UH

String Grid-Tied PV Inverter



1500Vdc, 800Vac
12 MPP Tracker,
24 PV Strings Input



Smart I/V Curve Function
DC and AC Type II SPD



Optional AFCI Function
Optional Night SVG Function



PLC communication
Max. DC/AC ratio >1.5

Technical Specifications

MODEL	KSG-250UH
Input(DC)	
Max. DC voltage	1500V
Nominal voltage	1080V
Min./Startup voltage	600V
MPPT voltage range	600V-1500V
MPPT voltage range at full load	880V-1300V
Number of MPPT	12
No. of Strings per MPPT	2
Number of strings input	24
Max. input current per MPPT	30A
Max. short-circuit current per MPPT	50A
Output(AC)	
Nominal AC output power	250KW 30 °C / 225KW 40 °C / 200KW 50 °C
Max. AC apparent power	250kVA
Max. AC output power	250kW
Nominal AC voltage	800V,640~920Vac / 3W+PE
AC grid frequency range	50/60Hz±5Hz (adjustable)
Rated output current	162.4A
Max. output current	180.4A
Power factor (cosΦ)	0.8leading-0.8lagging
THDi	<3%
Efficiency	
Max. efficiency	>99.01%
Euro efficiency	>98.52%
Protection devices	
DC switch	Yes
Anti-islanding protection	Yes
Output over current	Yes
DC reverse polarity protection	Yes
String fault Detection	Yes
AC/DC surge protection	Yes
Insulation detection	Yes
AC leakage current fault protection	Yes
I/V Curve scanning	Yes
PID recovery	Optional
General Specifications	
Dimensions W x H x D (mm)	1055*700*336
Weight(kg)	110
Operating temperature range	-25°C~+60°C (>50° derating)
Cooling type	Fan cooling
Max. operation altitude	4000m (>3000m derating)
Max. operation humidity	0~100%
Night power consumption	<10W
IP class	IP66
Topology	Transformerless
Communication	RS485 /PLC/WIFI/7G
Display	LED/Bluetooth +APP
Certification & Standard	EN/IEC62109-1; EN/IEC62109-2; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC/EN61000-3-11;IEC/EN61000-3-12;IEC61683; IEC60068;IEC60529;IEC62116;IEC61727;EN50549-1;EN50549-2;NB/T32004-2018; GB/T19964-2012



www.nnqenergy.com

info@nnqenergy.com

[nnqenergy](https://www.instagram.com/nnqenergy)

۰۲۱-۴۱۹۴۵۱۱۵

۰۹۱۲-۸۴۷۳۶۰۵

دفتر تهران: بزرگراه حقانی، خیابان دیدار شمالی، نیش خیابان کیش

پلاک ۸، ساختمان دیدار، طبقه ۷، کد پستی: ۱۵۱۸۸۳۴۷۲۲