



# XG 15-25kW

## Three Phase On-Grid Solar Inverter

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2 MPP Trackers



160% DC Input  
Oversizing



Smart I-V Curve  
Diagnosis Supported



DC & AC Type II SPD



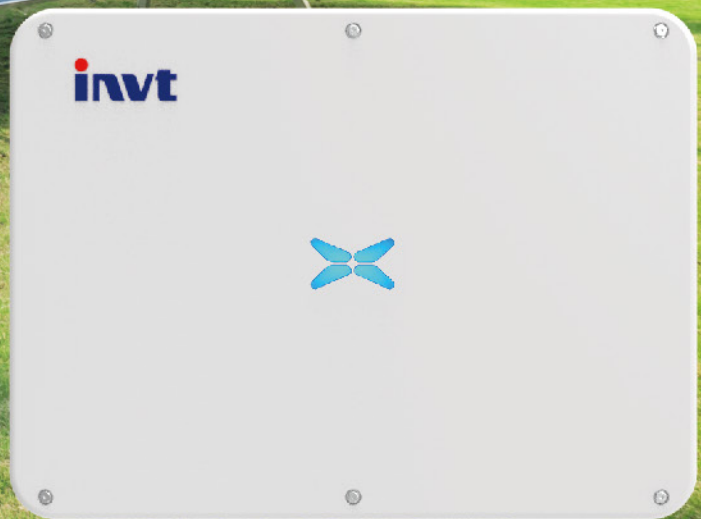
Intelligent Fault  
Detection



IP66 Protection



AFCI Function  
(Optional)



	XG15KTR	XG17KTR	XG20KTR	XG25KTR
<b>Input (DC)</b>				
Max. Input Power	24kW	27.2kW	32kW	40kW
Max. Input Voltage			1100V	
Start Voltage			250V	
Rated Input Voltage			600V	
Full-load MPP Voltage Range		480V ~ 800V		560V ~ 800V
MPPT Voltage Range			200V ~ 1000V	
Number of MPP Trackers			2	
Number of string per MPPT		2 / 2		2 / 3
Max. Current per MPPT		26A		26A / 39A
Max. Short Circuit Current per MPPT		32A		32A / 48A
<b>Output (AC)</b>				
Max. Output Current	24.1A	27.2A	32.1A	39.8A
Rated Output Power	15kW	17kW	20kW	25kW
Max. Output Power	16.6kVA	18.8kVA	22.2kVA	27.7kVA
Rated Grid Frequency			50Hz / 60Hz	
Rated Grid Voltage			230Vac / 400Vac, 3L / N / PE	
Power Factor			>0.99 (0.8 leading~0.8 lagging)	
THDi			<3% (Rated Power)	
<b>Efficiency</b>				
Max. Efficiency			98.40%	
European Efficiency			98.00%	
MPPT Efficiency			99.90%	
<b>Protection</b>				
DC reverse polarity protection			Yes	
Anti-islanding protection			Yes	
AC short circuit protection			Yes	
Residual current monitoring unit			Yes	
Insulation resistance monitoring			Yes	
Ground fault monitoring			Yes	
Grid monitoring			Yes	
PV string monitoring			Yes	
Surge protection			Type II	
AFCI protection			Optional	
<b>Communication</b>				
Display			LED / LCD / WIFI+APP	
Communication			Standard: RS485/ USB Optional: WIFI / GPRS / Ethernet	
<b>Standard Compliance</b>				
Grid Connection Standards			IEC 61727, IEC 62116, IEC 60068, IEC 61683, VDE-AR-N 4110:2018, VDE-AR-N 4105:2018, VDE-AR-N 4120:2018, EN 50549, AS/NZS 4777.2:2015, CEI 0-21, VDE 0126-1-1/A1 VFR 2014, UTE C15-712-1:2013, DEWA DRRG, NRS 097-2-1, MEA/PEA, C10/11, G98/G99	
Safety / EMC			IEC 62109-1:2010, IEC 62109-2:2011, EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011	
<b>General Data</b>				
Dimensions (W x H x D)			534 x 440 x 220 mm	
Weight			24kg	
Operating Temperature Range			-25° C ~ +60° C	
Cooling Method			Smart Cooling	
Protection Degree			IP66	
Max. Operating Altitude			4000m	
Relative Humidity			0 ~ 100%	
Topology			Transformerless	
Night Power Consumption			<1W	
Warranty			5 years (Standard) / 10 years (Optional)	