



XG 15-25kW

Three Phase On-Grid Solar Inverter



High DC/AC
ratio and output
overload ability



I-V Scanning
and intelligent
diagnosis



IP66



Intelligent
fault detection

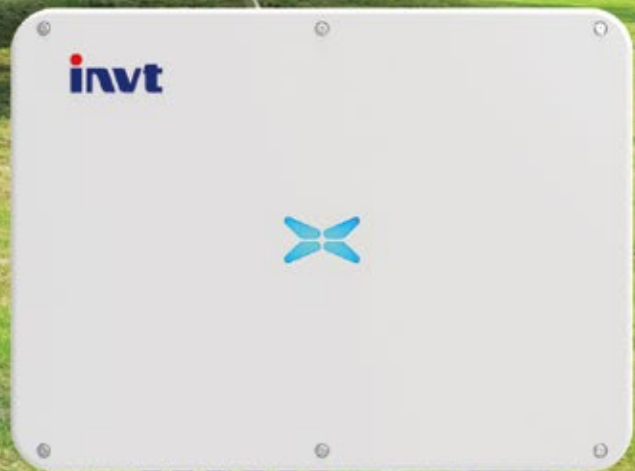


4 MPPT



PID

Anti-PID,
optional



	XG15KTR	XG17KTR	XG20KTR	XG22KTR	XG25KTR-2M
Input (DC)					
Max. Input Power	24kW	27.2kW	32kW	35.2kW	40kW
Max. Input Voltage	1100V				
Start Voltage / Min. Operating Voltage	250V / 180V				
MPPT Voltage Range	200V ~ 1000V				
Number of MPP Trackers / String per MPPT	2 / 2				2 / 3
Max. Current per MPPT	26A				39A
Output (AC)					
Max. Output Current	24.1A	27.2A	32.1A	35.3A	40.1A
Rated Output Power	15kW	17kW	20kW	22kW	25kW
Max. Output Power	16.6kVA	18.8kVA	22.2kVA	24.4kVA	27.7kVA
Rated Grid Frequency	50Hz / 60Hz				
Rated Grid Voltage	230V / 400V, 3L+N+PE / 3L+PE				
Power Factor	>0.99				
THDi	< 3% (at rated power)				
Efficiency					
Max. Efficiency	98.50%				
European Efficiency	98.40%				
MPPT Efficiency	99.90%				
Protection					
Protection	DC switch, Input over voltage protection, AC short circuit protection, AC output over current protection, Isolation protection, PV string protection, DC ARC fault protection, RCD protection, Surge protection, Anti-islanding protection, Over temperature protection, Grounding fault monitoring, Grid monitoring, Single/multiple inverter anti-reverse protection, etc.				
Communication					
Display	LED / LCD / WiFi+App				
Communication	standard: RS485 / USB optional: WiFi / GPRS / Ethernet				
Standard Compliance					
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, etc.				
Safety / EMC	IEC 62109-1:2010, IEC 62109-2:2011, EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011				
General Data					
Dimensions (W x H x D)	570 x 390 x 230 mm				
Weight	22kg				
Operating Temperature Range	-25° C ~ +60° C (derating above 45°C)				
Cooling Method	Smart Cooling				
Protection Degree	IP66				
Max. Operating Altitude	4000m (derating above 3000m)				
Relative Humidity	0 ~ 100%				
Topology	Transformerless				
Night Power Consumption	<0.5W				
Warranty	5 years (Standard) / 10 years (Optional)				



Sales E-mail: solar@invt.com.cn Service E-mail: solar-service@invt.com.cn Website: www.invt-solar.com