

XG 50-70kW

Three Phase On-Grid Solar Inverter



High DC/AC
ratio and output
overload ability



I-V Scanning
and intelligent
diagnosis



IP66



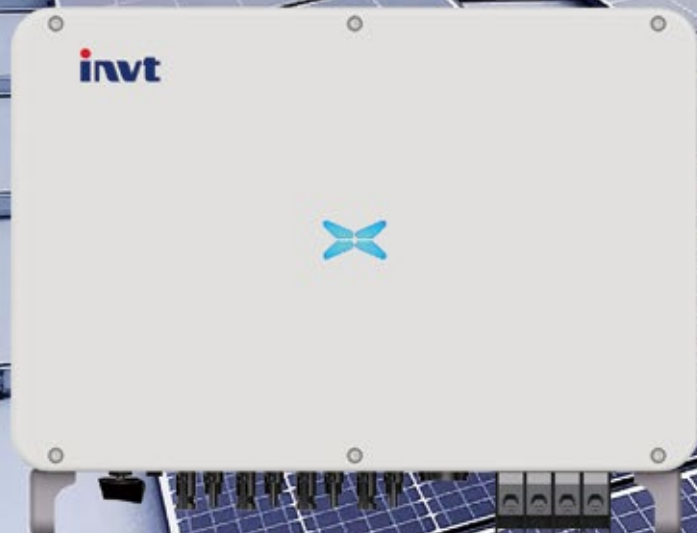
Intelligent
fault detection



4 MPPT



Anti-PID
optional



	XG50KTR	XG50KTR-L	XG60KTR	XG60KTR-L	XG66KTR-L	XG70KTR-L
Input (DC)						
Max. Input Power	80kW		96kW		105.6kW	112kW
Max. Input Voltage	1100V					
Start Voltage / Min. Operating Voltage	250V / 180V					
MPPT Voltage Range	200V ~ 1000V					
Number of MPP Trackers	4					
Number of String per MPPT	3 / 2 / 3 / 2			3 / 3 / 3 / 3		
Max. Current per MPPT	39A / 26A / 39A / 26A			39A / 39A / 39A / 39A		
Output (AC)						
Max. Output Current	80.5A	60.2A	96.6A	72.2A	88.2A	93.6A
Rated Output Power	50kW		60kW		66kW	70kW
Max. Output Power	55.5kVA		66.6kVA		73.3kVA	77.7kVA
Rated Grid Frequency	50Hz / 60Hz					
Rated Grid Voltage	230V / 400V	277V/480V	230V / 400V	277V / 480V		
Power Factor	-0.8 ~ +0.8 (adjustable)					
THDi	< 3% (at rated power)					
Efficiency						
Max. Efficiency	98.60%					
European Efficiency	98.40%					
MPPT Efficiency	99.90%					
Protection						
Protection	DC switch, Input reverse wiring protection, AC short circuit protection, AC over current protection, Input over voltage protection, Isolation protection, PV string detection, Anti-islanding protection, Over temperature protection, Grounding fault monitoring, ZVRT, Anti-PID function, etc.					
Communication						
Display	LED / LCD / WiFi+App					
Communication	standard: RS485 / GPRS / USB optional: WiFi / 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					
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)	650 x 440 x 260 mm					
Weight	≤ 50kg					
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	<1W					
Warranty	5 years (standard) / 10 years (optional)					



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