

XG 25-40kW

Three Phase On-Grid Solar Inverter



1.6X DC input overload
1.1X AC output overload



I-V Scanning
and intelligent
diagnosis



IP66



Intelligent
fault detection



4 MPPT



Anti-PID
optional



	XG25KTR-3M	XG30KTR	XG33KTR	XG36KTR	XG40KTR
Input (DC)					
Max. Input Power	40kW	48kW	52.8kW	57.6kW	64kW
Max. Input Voltage	1100V				
Start Voltage / Min. Operating Voltage	250V / 200V				
MPPT Voltage Range	200V ~ 1000V				
Number of MPP Trackers / String per MPPT	3 / 2			4 / 2	
Max. Current per MPPT	26A			26A	
Output (AC)					
Max. Output Current	40.1A	48.3A	53A	57.8A	64.3A
Rated Output Power	25kW	30kW	33kW	36kW	40kW
Max. Output Power	27.5kVA	33kVA	36.3kVA	39.6kVA	44kVA
Rated Grid Frequency	50Hz / 60Hz				
Rated Grid Voltage	230V / 400V, 3L+N+PE / 3L+PE				
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 over voltage protection, AC short circuit protection, AC 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 parameter					
Dimensions (W x H x D)	570 x 420 x 230 mm				
Weight	32kg				
Operating Temperature Range	-30°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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