



# XG 15-25kW

## Three Phase Grid-tied Solar Inverter



1.6X DC input overload  
1.1X AC output overload



I-V Scanning  
and intelligent  
diagnosis



IP66



Intelligent  
fault detection



2 MPPT



Anti-PID  
optional



	XG15KTR	XG17KTR	XG20KTR	XG22KTR	XG25KTR
<b>DC input parameter</b>					
Max. DC input power	24kW	27.2kW	32kW	35.2kW	40kW
Max. DC input voltage	1100V				
Starting voltage / Min. operation voltage	250V / 180V				
MPPT Voltage range	200V ~ 1000V				
Number of MPPT / String per MPPT	2 / 2				2 / 3
Max. DC current per MPPT x Number of MPPT	26A x 2				39A x 2
<b>AC output parameter</b>					
Max. output power	16.6kVA	18.8kVA	22.2kVA	24.4kVA	27.7kVA
Max. AC output current	24.1A	27.2A	32.1A	35.3A	40.1A
Rated output power	15kW	17kW	20kW	22kW	27kW
Power factor	>0.99				
THDi	< 3% (At rated power)				
Rated AC voltage / Frequency	230V / 400V, 3L + N + PE / 3L + PE, 50Hz / 60Hz				
<b>Efficiency</b>					
Max. efficiency	98.50%				
Euro efficiency	98.40%				
MPPT efficiency	99.90%				
<b>Protection</b>					
Protection	DC switch, Input over voltage protection, AC short circuit protection, AC output over current protection, Isolation protection, PV string detection, DC ARC fault detection, RCD detection, Surge protection, Anti-island protection, Over temperature protection, Grounding fault monitoring, DC/AC II degree lightning protection, Grid monitoring, single/multiple inverter anti-reverse protection, etc.				
<b>Display and Communication</b>					
Display	LED / LCD / WiFi + App				
Interface	RS485 (Standard) / WiFi / USB / GPRS (Optional)				
<b>Standard</b>					
Grid qualification	IEC 61727(IEC 62116), IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009, IEC 60068-2-30:2005, IEC 61683:1999, VDE0126-1-1, VDE-AR-N4105,G59/3,C10/11,AS/NZS 4777.2:2015, NB/T 32004-2013, PEA, ZVR				
Safety / EMC	IEC 62109-1:2010, IEC 62109-2:2011, EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011				
<b>General parameter</b>					
Cooling	Smart cooling				
Protection degree	IP66				
Night self-consumption	< 0.5W				
Topology	Transformerless				
Operating temperature range	-25°C ~ +60°C(Derating above 45°C)				
Relative humidity	0 ~ 100%				
Highest altitude	≤4000m (Derating above 3000m)				
Dimension (W x H x D)	520 x 390 x 230 mm				
Weight	22kg				
Warranty	5 years (Standard) / 10 years (Optional)				



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