

	XG6KTR	XG8KTR	XG9KTR	XG10KTR	XG11KTR	XG12KTR	XG15KTR1
Input (DC)							
Max. Input Power	9.6kW	12.8kW	14.4kW	16kW	17.6kW	19.2kW	24kW
Max. Input Voltage	1100V						
Start Voltage	160V						
Rated Input Voltage	600V						
Full-load MPP Voltage Range	250V ~ 850V	320V ~ 850V	400V ~ 850V	450V ~ 850V		480V ~ 850V	500V ~ 850V
MPPT Voltage Range	180V ~ 1000V						
Number of MPP Trackers	2						
Number of String per MPPT	1 / 1						1 / 2
Max. Current per MPPT	14A / 14A						14A / 28A
Max. Short Circuit Current per MPPT	18A / 18A						18A / 36A
Output (AC)							
Max. Output Current	9.6A	12.8A	14.4A	15.9A	17.5A	19.1A	23.9A
Rated Output Power	6kW	8kW	9kW	10kW	11kW	12kW	15kW
Max. Output Power	6.6kVA	8.8kVA	9.9kVA	11kVA	12.1kVA	13.2kVA	16.5kVA
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)						
Efficiency							
Max. Efficiency	98.40%				98.70%		
European Efficiency	98.30%				98.50%		
MPPT Efficiency	99.90%						
Protection							
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
Surge protection	Type II
AFCI protection	Optional

Communication

Display	LED / LCD (Optional)
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
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)	481 x 395 x 195 mm	
Weight	12kg	13.5kg
Operating Temperature Range	-25°C ~ +60°C	
Cooling Method	Natural	Smart Cooling
Protection Degree	IP66	
Max. Operating Altitude	4000m	
Relative Humidity	0 ~ 100%	
Topology	Transformerless	
Night Power Consumption	<1W	