

# Specification

	XG3KTR	XG4KTR	XG5KTR	XG6KTR	XG8KTR	XG9KTR	XG10KTR	XG11KTR	XG12KTR	XG15KTR1
<b>Input (DC)</b>										
Max. Input Power	4.8kW	6.4kW	8kW	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	
<b>Output (AC)</b>										
Max. Output Current	4.8A	6.4A	8A	9.6A	12.8A	14.4A	15.9A	17.5A	19.1A	23.9A
Rated Output Power	3kW	4kW	5kW	6kW	8kW	9kW	10kW	11kW	12kW	15kW
Max. Output Power	3.3kVA	4.4kVA	5.5kVA	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)									
<b>Efficiency</b>										
Max. Efficiency	98.40%				98.70%					
European Efficiency	98.30%				98.50%					
MPPT Efficiency	99.90%									
<b>Protection</b>										
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									
<b>Communication</b>										
Display	LED / LCD (Optional)									
Communication	Standard: RS485 / USB Optional: WiFi / GPRS / Ethernet									
<b>Standard Compliance</b>										
Certification	IEC/EN 62109-1/2, IEC/EN 61000-6-1/3, IEC61683, IEC60068, IEC61727/IEC62116, EN50549, CEI0-21, C10/C11, VDE 4105, VDE 0124, G98/G99, RD244, UNE217001, UNE217002, NC RfG, TOR Erzeuger, AS4777, ABNT, NB/T 32004									
<b>General Data</b>										
Dimensions (W x H x D)	481 x 395 x 195 mm									
Weight	12kg				13.5kg					
Operating Temperature Range	-25°C ~ +60°C									



Protection Degree	IP66
Max. Operating Altitude	4000m
Relative Humidity	0 ~ 100%
Topology	Transformerless
Night Power Consumption	<1W
Warranty	5 years (Standard) / 10 years (Optional)