

Specification

	XG30KTR	XG33KTR	XG36KTR	XG40KTR
Input (DC)				
Max. Input Power	48kW	52.8kW	57.6kW	64kW
Max. Input Voltage	1100V			
Start Voltage	250V			
Rated Input Voltage	600V			
Full-load MPP Voltage Range	500V ~ 800V			
MPPT Voltage Range	200V ~ 1000V			
Number of MPP Trackers	3		4	
Number of String per MPPT	2			
Max. Current per MPPT	26A			
Max. Short Circuit Current per MPPT	32A			
Output (AC)				
Max. Output Current	48.3A	53A	57.8A	64.3A
Rated Output Power	30kW	33kW	36kW	40kW
Max. Output Power	33.3kVA	36.6kVA	39.6kVA	44kVA
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	0.986			
European Efficiency	0.985			
MPPT Efficiency	0.999			
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			
PV string monitoring	Yes			
Surge protection	Type II			
AFCI protection	Optional			
Communication				
Display	LED / LCD / WiFi+App			
Communication	Standard: RS485 Optional: WiFi / GPRS / Ethernet			
Standard Compliance				
Certification	IEC/EN 62109-1/2, IEC/EN 61000-6-1/3, EN50549, IEC61727/IEC62116, CEI 0-21,C10/C11, VDE 4105, VDE 0124, RD244, UNE217001, UNE217002, NC RfG, TOR Erzeuger, AS4777, NRS097-2-1, NB/T 32004			
General Data				
Dimensions (W x H x D)	600 x 430 x 230 mm			
Weight	30kg		32kg	
Operating Temperature Range	-30°C ~ +60°C			



Max. Operating Altitude	4000m
Relative Humidity	0 ~ 100%
Topology	Transformerless
Night Power Consumption	<1W