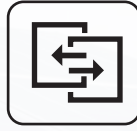


9-12 MPP  
Trackers



150 % DC  
Input Oversizing



Smart I-V Curve  
Diagnosis Supported



DC & AC  
Type II SPD



Intelligent Fault  
Detection



IP66 Protection



AFCI Function  
(Included)



PID Recovery Function  
(Optional)



Night SVG Function  
(Optional)

	XG100KTR	XG110KTR	XG136KTR-L	XG136KTR-X
<b>Input (DC)</b>				
Max. Input Power	150kW		160kW	
Max. Input Voltage			1100V	
Start Voltage			250V	
Rated Input Voltage	620V		730V	780V
Full-load MPP Voltage Range	530V ~ 850V		560V ~ 850V	
MPPT Voltage Range			180V ~ 1000V	
Number of MPP Trackers	9	10	12	
String per MPPT			2	
Max. Current per MPPT	26A	26A	26A	26A
Max. Short Circuit Current per MPPT			40A	
<b>Output (AC)</b>				
Max. Output Current	158.8A		174.6A	160.4A
Rated Output Power	100kW	110kW	136kW	
Max. Output Power	110kVA	121kVA	150kVA	
Rated Grid Frequency			50Hz / 60Hz	
Rated Grid Voltage	230Vac / 400Vac, 3L / N / PE, 3L / PE		277Vac / 480Vac, 3L / N / PE, 3L / PE	311Vac / 540Vac, 3L / N / PE, 3L / PE
Power Factor			>0.99 (0.8 leading~0.8 lagging)	
THDi			<3% (Rated Power)	
<b>Efficiency</b>				
Max. Efficiency			98.70%	
European Efficiency			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	
PV string monitoring			Yes	
Surge protection			Type II	
AFCL protection			Yes	
PID recovery function			Optional	
SVG function			Optional	
<b>Communication</b>				
Display			LED / LCD / WiFi+App	
Communication			Standard: RS485/ USB Optional: WiFi / DRM / Bluetooth	
<b>Standard Compliance</b>				
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 4777.2:2020, 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			
<b>General Data</b>				
Dimensions (W x H x D)	1050 x 660 x 330 mm			
Weight	95kg	98kg	101kg	
Operating Temperature Range			-30° C ~ +60° C	
Cooling Method			Smart Cooling	
Protection Degree			IP66	
Max. Operating Altitude			4000m	
Relative Humidity			0 ~ 100%	
Topology			Transformerless	
Night Power Consumption			<1W	