

	XG25KTR-3M	XG30KTR	XG33KTR	XG36KTR
Input (DC)				
Max. Input Power	40kW	48kW	52.8kW	57.6kW
Max. Input Voltage	1100V			
Start Voltage	250V			
Rated Input Voltage	600V			
Full-load MPP Voltage Range	450V ~ 800V	500V ~ 800V		
MPPT Voltage Range	200V ~ 1000V			
Number of MPP Trackers / String per MPPT	3/2			4/
Max. Current per MPPT	26A			
Max. Short Circuit Current per MPPT	32A			
Output (AC)				
Max. Output Current	40.1A	48.3A	53A	57.8A
Rated Output Power	25kW	30kW	33kW	36kW
Max. Output Power	27.7kVA	33.3kVA	36.6kVA	39.6kVA
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	98.60%			
European Efficiency	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			
PV string monitoring	Yes			
Surge protection	Type II			
AFCl protection	Optional			
Communication				
Display	LED / LCD / WIFI+APP			
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 4 VDE-AR-N 4120:2018, EN 50549, AS/NZS 4777.2:2015, CEI 0-21, VDE 0126-1-1/A UTE C15-712-1:2013, DEWA DRRG, NRS 097-2-1, MEA/PEA, C10/11, G98/			
Safety / EMC	IEC 62109-1:2010, IEC 62109-2:2011, EN 61000-6-2:2005, EN 61000-6-3:2007,			
General Data				
Dimensions (W x H x D)	600 x 430 x 230 mm			
Weight	30kg			32

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

XG40KTR

64kW

/2

64.3A

40kW

44kVA

.105:2018,
1 VFR 2014,
G99

/A1:2011

kg

