

Three Phase String Type On-Grid Solar Inverter



Type	KE-GT12KTL3	KE-GT15KTL3	KE-GT17KTL3	KE-GT20KTL3	KE-GT25KTL3
DC Input					
Max. input power	18kW	22.5kW	25.5kW	30kW	37.5kW
Max. input voltage	1100V				
Starting voltage	180V				
Rated input voltage	580V				
MPPT range	200V-1000V				
MPPT number	2	2	2	2	2
String number per MPPT	1/1	1/2	2/2	2/2	2/2
Max. Input current	20A/20A	32A/20A	32A/32A	32A/32A	32A/32A
Max. Short circuit current	26A/26A	40A/26A	40A/40A	40A/40A	40A/40A
AC output					
Rated output power	12kW	15kW	17kW	20kW	25kW
Max. Output current	3*20A	3*24A	3*28A	3*32A	3*40A
Rated grid voltage	3/N/PE, 400V				
Grid voltage range	300V-480V				
Rated grid frequency	50Hz				
Grid frequency range	45Hz - 55Hz				
Power factor	>0.99, 0.8 (lead)~ 0.8 (lag)				
THD	< 3%				
DC current injection	< 0.5%				
Inversion efficiency					
Max. efficiency	98.5%	98.5%	98.6%	98.6%	98.6%
Europe efficiency	98.1%	98.1%	98.2%	98.2%	98.2%
China efficiency	98.1%	98.1%	98.2%	98.2%	98.2%
Protection					
DC reverse connection protection	Yes				

AC short circuit protection	Yes				
AC output overcurrent protection	Yes				
Output overvoltage protection	Yes				
Insulation impedance protection	Yes				
Residual current detection (RCD)	Yes				
Surge protection	Yes				
Islanding protection	Yes				
Temperature protection	Yes				
DC switch	Yes				
Basic parameter					
Dimension	520mm*410mm*220mm				
Weight	17kg	20kg	21kg	21kg	21kg
Topology	No transformer				
Protection rating	IP66				
Self-consumption	<1W				
Work temperature	-25°C~ 60°C				
Work humidity	0 ~ 100%				
Noise	<30dB				
Cooling method	Smart forced air cooling				
Max. Work altitude	4000m (> 2000 m derating)				
Display	LED				
Basic communication	RS485				
Optional communication	4G/WIFI				
Warranty	5 years, can be extended to 10 years				