

0.7-3kw Single Phase Grid tie Solar Inverter							
型号		KY-1GT-0K7	KY-1GT-1K0	KY-1GT-1K5	KY-1GT-2K0	KY-1GT-2K5	KY-1GT-3K0
Efficiency	MPPT.Efficiency	99.50%	99.50%	99.50%	99.50%	99.50%	99.50%
	Max.Efficiency	95.00%	96%	96.50%	96.50%	96.50%	96.50%
	European Efficiency	94.00%	95.00%	95.50%	95.80%	96.00%	96.00%
PV Input	Max Input Voltage	500V	500V	500V	500V	500V	500V
	MPPT Voltage Range	80V-450V	80V-450V	80V-450V	80V-450V	80V-450V	80V-450V
	Max Input Power	1000W	1500W	2000W	2500W	3000W	3500W
	Start Votage(V)	80V	80V	80V	80V	80V	80V
	Minimum grid voltage(V)	110V	110V	110V	110V	110V	110V
	Standard Voltage	360V	360V	360V	360V	360V	360V
	Number of MPPT/PV Strings	1/1	1/1	1/1	1/1	1/1	1/1
	Max Input Current for each MPPT	12.5A	12.5A	12.5A	12.5A	12.5A	12.5A
AC Output	Short Current for each MPPT	15A	15A	15A	15A	15A	15A
	Max AC Power	700VA	1000VA	1500VA	2000VA	2500VA	3000VA
	Standard AC Power	700W	1000W	1500W	2000W	2500W	3000W
	Standard Grid Voltage/Grid Voltage Range	230V, 1Φ (L/N/PE) /160-280V					
	Standard Frequency	50Hz/60Hz					
	Maximum Current	4A	5A	6.5A	9.5A	12A	14.5A
	Power factor	~1 (0.8lead~0.8lag,adjustable)					
	THD	<3%					
General Data	AC Connection type	Quick fit					
	Operating Temperature Range	-25°C ...+60°C(>45°C derating)					
	Relative Humidity	0-95%, no condensation					
	Operating Altitude(m)	<4000m,over 2000m derating					
	Cooling Method	Forced-air					
	Noise	<40dB					
	Display	LCD					
	Communication	RS485 (WIFI/GPRS Optional)					
	Weight	6kg	6kg	6kg	6.5kg	6.5kg	6.5kg
	Dimensions	252mm*300mm*116mm					
	Mounting Method	Wall-mounting bracket					
	Protection	IP65					
Certification	Topology	Transformerless					
	Safety	IEC62109-1/-2					
	EMC	EN61000-1/-2/-3, IEC61000					
	EMC	AS4777.2, NRS097-2-1: 2017					