

3-6kwSingle Phase Grid tie Solar Inverter						
型号		KY-1GT-3K6	KY-1GT-4K0	KY-1GT-4K6	KY-1GT-5K0	KY-1GT-6K0
Efficiency	MPPT.Efficiency	99.90%	99.90%	99.90%	99.90%	99.90%
	Max.Efficiency	96.00%	96%	96.50%	97.00%	97.00%
	European Efficiency	95.50%	96.00%	96.00%	96.50%	96.50%
PV Input	Max Input Voltage	550V	550V	550V	550V	550V
	MPPT Voltage Range	120V-500V	120V-500V	120V-500V	120V-500V	120V-500V
	Max Input Power	4400W	5000W	5500W	6000W	7200W
	Start Votage(V)	120V	120V	120V	120V	120V
	Minimum grid voltage(V)	150V	150V	150V	150V	150V
	Standard Voltage	360V	360V	360V	360V	360V
	Number of MPPT/PV Strings	2/2	2/2	2/2	2/2	2/2
	Max Input Current for each MPPT	12.5A	12.5A	12.5A	12.5A	12.5A
AC Output	Short Current for each MPPT	15A	15A	15A	15A	15A
	Max AC Power	3600VA	4000VA	4600VA	5000VA	6000VA
	Standard AC Power	3600W	4000W	4600W	5000W	6000W
	Standard Grid Voltage/Grid Voltage Range	230V, 1Φ (L/N/PE) /160-280V				
	Standard Frequency	50Hz/60Hz				
	Maximum Current	16A	19.1A	21.7A	24A	27.3A
	Power factor	~1 (0.8lead~0.8lag,adjustable)				
General Data	THD	<3%				
	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 Optinal)				
	Weight	9kg	9kg	9.5kg	10kg	10kg
	Dimensions	325mm*375mm*129.5mm				
	Mounting Method	Wall-mounting bracket				
Certification	Protection	IP65				
	Topology	Transformerless				
	Safety	IEC62109-1/-2				
	EMC	EN61000-1/-2/-3, IEC61000				
	EMC	AS4777.2, NRS097-2-1: 2017				