

## Central Type Three Phase Inverter Photovoltaic (pv) Grid-tied Inverter

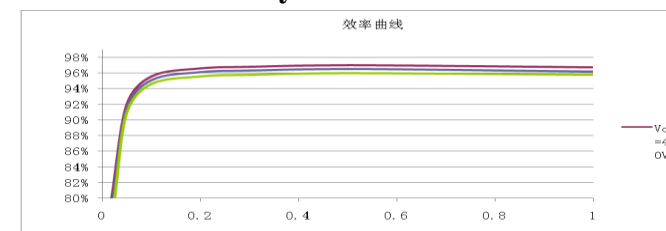
Certification: CNCA/CTS 0004-2009A CNCA/CTS 0006-2010

### Performance Characteristics:

- ◆ Conversion efficiency reaches 97.3%(European efficiency is 96.8%).
- ◆ Efficient and high precision MPPT, tracking efficiency reaches more than 99.5%.
- ◆ Use film-capacitance, increasing the system reliability, extending system life.
- ◆ Wide range input voltage, long generation time, high efficiency
- ◆ Active and reactive continuing Adjust, grid friendly PV inverter.
- ◆ No nighttime power self-consuming.
- ◆ Anti-islanding protection.
- ◆ Isolation transformer equipped.
- ◆ Easy to install and reliable.
- ◆ Wide range of operation temperature-25°C ~ +55°C
- ◆ Protection grade IP20
- ◆ Standard communication mode: RS485, and Optional Ethernet/ Bluetooth.



Efficiency Curve:



Technical Parameter		KE-GT100K	KE-GT250K
DC input	Max.DC voltage	900V	900V
	MPP voltage ranges	450V-820V	450V-820V
	Min. voltage	450V	450V
	Max.DC capacity	110KW	275KW
	Max.input current	250A	600A
	MPP trackers no. / connected strings no.	1/6	1/6
AC output	Rated capacity	100KW	250KW
	Max. current	155A	410A
	Rated grid voltage	3/N/PE,400V	3/N/PE,400V
	Tolerance	400V ±20%	400V ±20%
	Rated frequency	50HZ	50HZ
	Tolerance	47-51.5HZ	47-51.5HZ
	Current THD	<3%	<3%
	DC component	<0.5%	<0.5%
	Power factor	0.9~0.9	0.9~0.9
Isolation transformer	equipped	equipped	
System Data	Max. efficiency	97.2%	97.3%
	Euro efficiency	96.7%	96.8%
	Protection degree	IP20	IP20
	Operating temperature	-25℃~+55℃	-25℃~+55℃
	Cooling	Fans	Fans
Size	W*H*D	1000*2000*800	2100*2150+800
	Weight	940kg	2100kg