



Grid Tie Inverters

Ginlong Technologies GCI-3.5K

	Wind	PV
The max DC input voltage:	600V	600V
MPPT operation range:	30-540V	100-500V
DC nominal voltage:	400V	
The max dc input current:	24A _{dc}	12A _{dc} (each MTTP)
Number of MPP trackers/strings per MPP Tracker:	1/1	2/1
Rating output power:	3.5kW	
The transient max power:	3.8kW	
Rating grid voltage:	230Vac	
The grid voltage range:	180~270Vac (adjustable)	
Operation phase:	Single	
Rating grid output current:	15.7A _{ac}	
Output power factor:	>0.99	
Grid current THD:	Total THd<4%	
The dc injection current:	<20mA	
Rating grid frequency:	50/60Hz(±3Hz)	
Efficiency:	>97.5%	
Protection :	DC reverse-polarity protection; AC short circuit protection; isolation protection; temperature protection. Etc.	
Size:	400W×580H×170D(mm)	
Weight:	23kG	
Topology:	Transformerless	
Internal consumption:	<6W(NO wind)	<1W(Night)
Running temperature:	-25~60C	
Ingress protection:	IP65	
Interface:	RS485/Bluetooth	
Design lifetime:	>20 years	