



G6.2K-P1LK On Grid & Off Grid Hybrid Inverter



Main Features

- Multiple operating modes, on-grid, off-grid and UPS, MPPT charger built-in.
- IP65 protection rating.
- Integrated smart APP, can remotely diagnose and update.
- Droop control, Max 6pcs in parallel.
- Five-years warranty.
- Compatible with almost all 48V LiFePO4 battery pack.

Technical Parameters / Model	G6.2K-P1LK
DC input (PV)	
Maximum Photovoltaic Input power	7000W
Maximum DC Voltage	500V
Starting Voltage	150V
Rated Voltage	360V
MPPT Operating Voltage Range	120V~430V
MPPT Quantity	2
Number Of MPPT Strings Per Channel	1
Maximum Input Current Of Each MPPT	15A
Maximum Short-Circuit Current Of Each MPPT	18.9A
AC Output (Grid)	
Rated Power	6200W
Maximum Apparent Power	6200VA
Rated Voltage (Range)	230V
Rated Frequency (Range)	50Hz/60Hz
Maximum Output Current	29.6A
Power Factor	0.8 Leading~0.8 Lagging
THDi	<3%
Grid Connection Type	L+N+PE
Battery Input	
Battery Type	Lithium-Ion Battery/Lead-Acid Battery
Operating Voltage Range	41.6V~58.5V
Maximum Charge And Discharge Current	100A/130A
Continuous Charge And Discharge Power	4800W/6200W
AC Output (Backup)	
Maximum Output Power	6200W
Maximum Apparent Power	6200VA
Maximum Output Current	26.9A
Rated Voltage	230V
Rated Frequency	50Hz/60Hz According To Grid Connection Regulations
THD	<3%
Switching Time	<20ms (Capacitive Load); <10ms (Resistive Load)
Efficiency	
Maximum Efficiency	98%
European Efficiency	97%
MPPT Efficiency	99.99%
Protection Facilities	
AC Lightning Protection	Supported
AC Short-Circuit Protection	Supported
General Data	
Dimensions (W*H*T mm)	514.4 *567.9*233.6mm
Weight	32.35kg
Range Of Working Temperature	-25°C~60°C
Nighttime Power Consumption	<20W
Topology	Transformerless Design
Cooling Method	Intelligent Air Cooling
Protection Level	IP65
Relative Humidity	0-95% Non-Condensing
Altitude	2000m
DC Connection Type	MC4
AC Connection Type	Connector
Display Method	LCD
Communication Interface:RS485/CAN/USB	Have/Have/Have
Monitoring Interface:WIFI	Have
Warranty Period:5 Years/10 Years	Available/Optional
Certification	CE