



LivoPower On-grid PV Inverter

High Performance

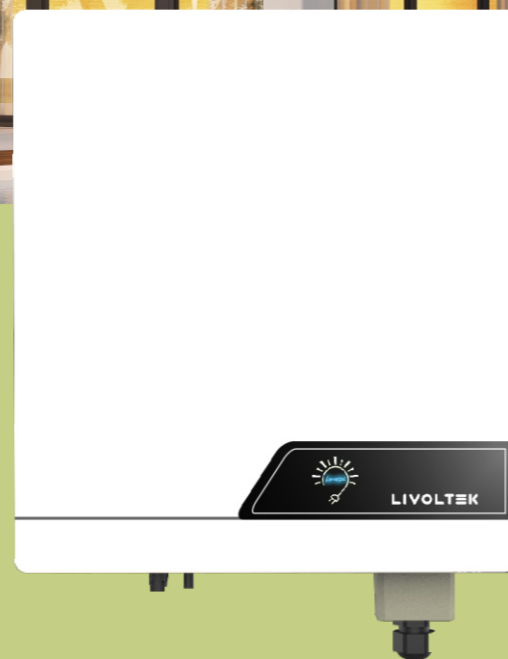
- Wide working voltage
- 2 MPP trackers, 13A MPPT current
- Flexible PV string configurations, DC/AC ratio up to 1.5

High Reliability

- IP65 & Natural cooling
- Multiple protection and detection
- Compact design, plug and play installation
- High anti-corrosion with aluminum alloy die casting

Intelligent Maintenance

- Easy & Quick Setup via Bluetooth
- Local and online monitoring via App or Web
- Remote upgrading & debugging, easy operation and maintenance

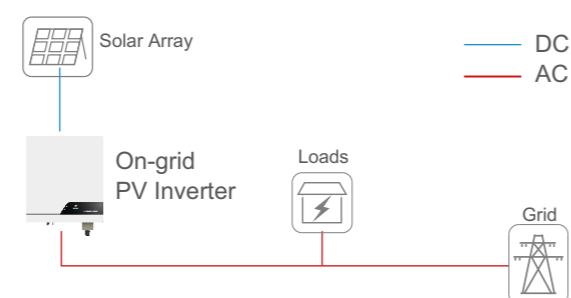


Product Overview

GT1-8/10K-D

- Single phase & Dual MPPT
- Application Use:
Residential and Small-sized Industrial

System Diagram —Residential



Specifications

Model	GT1-8K-D	GT1-10K-D
Input(PV)		
Max. PV Configuration	150%	
Max. Input Voltage	550V	
Rated Input Voltage	360V	
Max. Input Current	39A (2*13A+13A)	
Max. Short Circuit Current	45A(2*15A+15A)	
Start Input Voltage	90V	
MPPT Operating Voltage Range	70V-540V	
Max. Number of PV Strings	3(2/1)	
No. of MPPTs	2	
Output(Grid)		
Rated AC Active Power	8,000W	10,000W
Max. AC Apparent Power	8,800VA	10,000VA
Max. AC Active Power (PF=1)	8,800W	10,000W
Max. AC Output Current	40A	45.5A
Rated AC Voltage	220V/230V,L+N+PE	
AC Voltage Range ^①	160V-300V(Adjustable)	
Rated Grid Frequency ^②	50Hz/60Hz	
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz(Adjustable)	
THDI	<3% (Rated Power)	
DC Current Injection	<0.5%In	
Power Factor	> 0.99 Rated power (Adjustable 0.8 Leading - 0.8Lagging)	
Efficiency		
Max. Efficiency	97.7%	
European Efficiency	97.3%	
Protection		
DC Switch	Support	
Anti-islanding Protection	Support	
AC Overcurrent Protection	Support	
AC Short Circuit Protection	Support	
DC Reverse Connection	Support	
Surge Arrester	DC Type III(Optional) / AC Type III	
Insulation Detection	Support	
Leakage Current Protection	Support	
General		
Topology	Transformerless	
IP Rating	IP65	
Night Self Consumption	<1W	
Cooling	Natural cooling	
Operating Temperature Range	-25 C ~60 C	
Relative Humidity Range	0-100%	
Max. Operating Altitude	4000m	
Noise(typical)	30dB	
Dimensions (W*H*D)	450*400*170mm	
Weight	16 KG	
HMI & COM		
Display	LED Indicators, WLAN+APP+Bluetooth	
Communication	Bluetooth/WiFi	

- Remarks:
- The range of output voltage and frequency may vary depending upon different grid codes.
 - Specifications are subject to change without advance notice.