



GT400TL/600TL/800TL-SP Microinverter



Main Features

- ☺ Low photovoltaic input voltage, high and low voltage isolated, safe to use.
- Ⓜ Built-in MPPT, DSP control, DC to AC peak efficiency up to 97.6%.
- 🔧 Small and light-weighted, easy to install, IP67 class protection.
- 📶 WIFI Remote monitoring.
- 🔌 Model GT800L can be paralleled up to 5 units.

Technical Parameters / Model	GT400TL-SP	GT600TL-SP	GT800TL-SP
PV Input (DC)			
PV Max Input Power (W)	250x2	350x2	450x2
PV Max Input Voltage (V)		60	
Start-up Voltage (V)		30	
MPPT Voltage Range (V)		25-55	
Full Load MPPT Voltage Range (V)		33-55	
Operating Voltage Range (V)		16-60	
Max Input Current (A)	7Ax2	12Ax2	14Ax2
Maximum Input Short-Circuit Current (A)	15 x2	20Ax2	25Ax2
Number of MPP Trackers		2	
AC Output			
Rated Output Power (W)	400	600	800
Nominal Output Current (A)	1.74	2.6	3.48
Maximum Output Power (VA)	400	600	800
Nominal Grid Voltage (V)		230 (Single-Phase)	
Grid Voltage Range (V)	184-264VAC	184-264VAC	194-264VAC
Nominal Grid Frequency (Hz)		50Hz/60Hz	
Max. Total Harmonic Distortion		<3% (Rated Power)	
Power Factor		> 0.99	
Max Paralle	11pcs	7pcs	5pcs
Anti-Islanding Protection		Yes	
AC Short Circuit Protection		Yes	
System			
Max. Efficiency		97.6%	
Protection Class		CLASS I	
Protection Level		IP67	
Cooling Method		Natural Cooling	
Monitoring		WIFI	
Operating Temperature Range (°C)		-40--+65°C	
Manufacturer's Warranty		10Years	
Mechanical Data			
Dimensions (W*H*D mm)		295*255*48 mm	
Weight (kg)		6kg	
Product Certification			
Test Standards	IEC 62321-3-1:2013 / IEC 62321-4:2013+A1:2017 / IEC 62321-5:2013 / IEC 62321-6:2015 / IEC 62321-7-1:2015 / IEC 62321-7-2:2017 / IEC 62321-8:2017 ENIEC 61000-6-3:2021 / ENIEC 61000-6-1:2019 / ENIEC 61000-3-2:2019+A1:2021 / EN 61000-3-3:2013+A2:2021 / EN 62109-1:2010 / EN 62109-2:2011 VDE-AR-N 4105:2018 / Conjunction With DIN VDE V 0124- 100:2020		