






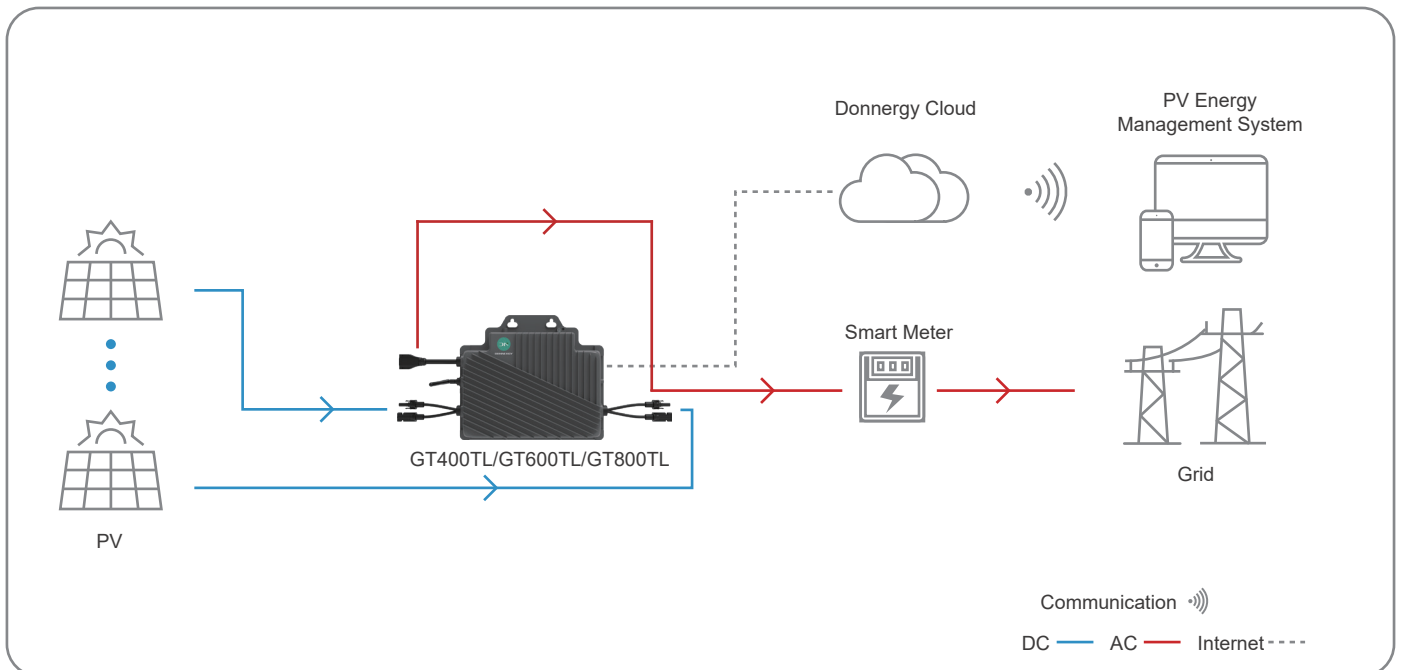
GT400TL / GT600TL / GT800TL Microinverter

Specifications



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 94.20%.
-  Small and light-weighted, easy to install, IP67 class protection.
-  WIFI Remote monitoring.
-  Support combined grid connection up to 6 units for model number GT800TL



GT400TL/GT600TL/GT800TL | Specifications

Model	GT400TL	GT600TL	GT800TL
PV Input (DC)			
PV Max Input Power (W)	250 x2	350 x2	450 x2
PV Max Input Voltage (V)	60	60	60
Start-up Voltage (V)	30	30	30
MPPT Voltage Range (V)	25 ~ 55	25 ~ 55	25 ~ 55
Full Load MPPT Voltage Range (V)	33 ~ 55	33 ~ 55	33 ~ 55
Operating Voltage Range (V)	16~60	16~60	16~60
Max Input Current (A)	7A x2	12A x2	14A x2
Maximum input short-circuit current (A)	15A x2	20A x2	25A x2
Number of MPP Trackers	2	2	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)	230 (single-phase)	230 (single-phase)
Grid Voltage Range (V)	184 ~ 264VAC	184 ~ 264VAC	194 ~ 264VAC
Nominal Grid Frequency (Hz)	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
Max. Total Harmonic Distortion	<3%(rated power)	<3%(rated power)	<3%(rated power)
Power Factor	>0.99	>0.99	>0.99
Max Parallel	8pcs	8pcs	6pcs
Anti-islanding Protection	Yes	Yes	Yes
AC Short Circuit Protection	Yes	Yes	Yes
System			
Max. Efficiency	94.2%	94.2%	94.2%
Protection Class	CLASS I	CLASS I	CLASS I
Protection Level	IP67	IP67	IP67
Cooling Method	Natural Cooling	Natural Cooling	Natural Cooling
Monitoring	WIFI	WIFI	WIFI
Operating Temperature Range (°C)	-40 ~ +65	-40 ~ +65	-40 ~ +65
Manufacturer's Warranty	10 Years	10 Years	10 Years
Mechanical Data			
Dimensions (W × H × Dmm)	225 x 225 x 37	225 x 225 x 37	225 x 225 x 37
Weight (kg)	3.25	3.25	3.25
Product Certification			
	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		
Test standards	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		