



- › Pure sine wave output
- › Touchscreen buttons with 4.3" colored LCD
- › Programmable supply priority for PV, Battery or Grid
- › User-adjustable charging current and voltage
- › Programmable multiple operation modes
- › Built-in Wi-Fi for mobile monitoring
- › Reserved communication port for BMS
- › Parallel operation up to 9 units

MODEL	TT-PLUS 5.6kW-48V
Phase	1-Phase In / 1-Phase Out
Maximum PV Input Power [W]	6000
Rated Output Power [W]	5600
Maximum Charging Power [W]	6000
<b>PV INPUT (DC)</b>	
Nominal DC Voltage / Maximum DC Voltage [V]	360 / 450
Start-up Voltage / Initial Feed-In Voltage [V]	110/ 120
MPPT Voltage Range [V]	120 ~ 430
Number of MPP Trackers / Maximum Input Current [A]	1 / 27
<b>GRID OUTPUT (AC)</b>	
Nominal Output Voltage [V AC]	220/230/240
Output Voltage Range [V AC]	184 - 264.5 or 195.5 - 253 (Selectable)
Nominal Output Current [A]	24.3
Power Factor	>0.9
<b>EFFICIENCY</b>	
PV Conversion Efficiency (DC/AC)	%96
<b>AC INPUT</b>	
AC Start-up Voltage / Auto Restart Voltage [V AC]	120 - 140 / 180
Acceptable Input Voltage Range [V AC]	90 - 280 or 170 - 280
Nominal Frequency [Hz]	50 / 60 (Auto Sensing)
Maximum AC Input Current [A]	40
<b>BATTERY MODE OUTPUT (AC)</b>	
Nominal Output Voltage [V AC]	220 / 230 / 240
Output Waveform	Pure Sine Wave
Battery Conversion Efficiency (DC to AC)	%93
<b>BATTERY &amp; CHARGER</b>	
Nominal DC Voltage [V]	48
Maximum Solar Charging Current [A]	120
Maximum AC Charging Current [A]	120
Maximum Charging Current [A]	120
<b>PHYSICAL SPECIFICATIONS</b>	
Dimension, (D x W x H) [mm]	140 x 295 x 468
Weight [kg]	12
<b>INTERFACE</b>	
Parallel Function	Yes, 9 Units
Communication Port	USB / RS232 / RS485 / Wi-Fi / Dry-Contact
<b>ENVIRONMENT</b>	
Humidity [%]	5 ~ 95 RH (No Condensing)
Operating Temperature [°C]	-10 ~ 50