



- > RGB illuminated customizable LED status bar
- > Built-in Wi-Fi for mobile monitoring with the WatchPower app
- > Supports USB On-the-Go functionality
- > Dedicated communication port for BMS (RS485, CAN-BUS, or RS232)
- > Replaceable fan design for easy maintenance
- > Battery-independent design
- > Configurable AC/PV output usage timer and prioritization
- > Selectable high charging current
- > Selectable input voltage range for household appliances and personal computers
- > Compatible with grid and generator support as power sources
- > Built-in dust prevention kit
- > Optional 100W DC Output
- > Up to 6 units can operate in parallel, available for 7.2kVA and 11kVA models



RGB Light:
Indicates the output source (PV, Grid, or battery) and battery charging status, Different colors for discharge status.



Communication for remote panel.



Parallel connectors:
Up to 6 units in parallel (only for 7.2kW and 11kW models).



Various Communication:
USB On-the-Go functionality, Dry Contact and BMS Communication.



Dust prevention filter:
Enhances product reliability in harsh environments.



100W DC Output:
Connect to a DC fan, LED bulb, or router.



MODEL	TT 3.6K HV 24V MPPT	TT 7.2K PLUS HV 48V MPPT	TT 11K PLUS HV 48V MPPT
Nominal Power [VA/W]	3600/3600	7200/7200	11000/11000
Parallel Function	No		Yes, 6 units.
AC INPUT			
Voltage [V AC]	230		
Selectable Voltage Range [V AC]	170-280 (for Personal Computers) 90-280 (for Household Appliances)		
Nominal Frequency [Hz]	50/60 (Automatic Detection)		
DC INPUT			
Maximum PV Input Power [W]	4000	8000 (4000 x 2)	11000 (5500 x 2)
Maximum Input Current [A]	18	18	18
Maximum Short Circuit Current [A]	22	22	22
MPPT Operating Voltage Range [V DC]	120 ~ 450		90 ~ 450
Max. PV String Open Circuit Voltage [V DC]		500	
Number of MPPTs	1	2	2
Number of MPPT String Inputs	1	1	1
AC OUTPUT			
AC Voltage [V AC]		230 ± 5%	
Surge Power [VA]	7500	15000	22000
Efficiency [%]		90-93	
Transfer Time [ms]	15 (for Personal Computers) 20 (for Household Appliances)		10(for Personal Computers), 20(for Household Appliances)
Output Waveform	Pure Sine Wave		
Standby Power Consumption [W]	< 45		< 70
BATTERY			
Battery Voltage [V DC]	24		48
Float Charge Voltage [V DC]	27		54
Overcharge Protection [V DC]	33	66	63
SOLAR & AC CHARGING			
Solar Charger Type		MPPT	
Maximum Solar Charging Current [A]		80	150
Maximum AC Charging Current [A]		80	150
Maximum Charging Current [A]		80	150
PHYSICAL SPECIFICATIONS			
Dimensions, W x D x H [mm]		147.4 x 432.5 x 553.6	
Net Weight [kg]	14.1		18.4
Communication Interface		USB/RS232/RS485/Wi-Fi/Dry Contact	
ENVIRONMENTAL SPECIFICATIONS			
Humidity [%]		5 ~ 95 Relative Humidity (Non-Condensing)	
Operating Temperature [°C]		-10 ~ 50	
Storage Temperature [°C]		-15 ~ 60	
STANDARD			
Compatibility		CE	