

SPECIFICATION

MODEL	VII 10.5KW
Rated power	10.5KVA/10.5KW
Ac input	
Rated voltage	230VAC
Voltage range	170–280Vac(computer);90–280Vac(Household appliances)
Exportation	
Output voltage range	230VAC±5%
Mains output power	10500W
Auxiliary circuit output power	3500W
Surge power	2*rated power for 5 seconds
efficiency	95%
Conversion time	10ms(computer);20ms(Household appliances)
Wave form	Pure sine wave
Grid-connection parameter	
Rated grid-connected voltage	220/230/240Vac
Grid-connected voltage range	195~253Vac
Grid-connected frequency range	49-51±1Hz/59-61±1Hz
Rated current	45.7A
Power factor	0.99
Maximum conversion efficiency (direct current AC)	98%
Battery	
Battery voltage	48V
Floating charge voltage	54V
Overcharge protection	63VDC
Photovoltaic charging & AC charging	
Photovoltaic charging type	MPPT
Maximum photovoltaic array power	10500W
Rated photovoltaic input voltage	360V
MPPT operating voltage range	90 ~ 500 VDC
Maximum open circuit voltage of photovoltaic array	500 VDC
Maximum photovoltaic charging current	180A
Maximum AC charging current	160A
Maximum charging current	180A
Physics	
SIZE (D/W/H)	130*390*537mm
Net weight(KG)	14.5
Communication interface	RS232
Working environment	
Relative humidity	5% to 95% Relative humidity (no condensation)
Operating temperature	- 10°C to 50°C
Storage temperature	- 15°C to 60°C
Executive standard	
Safety regulation	CE

VII 10.5KW Series

Wall-mounted off-Grid Solar Inverter



Product characteristics

- Hybrid off grid inverter
- Support PV, mains/generator, battery access
- Dual PV input and dual output, intelligent load management
- The output priority, charging priority and charging current can be set through the panel
- Over temperature, overload, short circuit protection
- Intelligent charging design to optimize battery performance
- Built-in dust kit

