

MODEL	ECG-FU50-148
PV Array	
Max.PV Array Power	6000W
Max.PV Array Open-Circuit Voltage	300Vdc
Start-up Voltage	60Vdc
MPPT Operating Voltage Range	70-280Vdc
MPPT Efficiency	99%
Nominal Input Voltage	250Vdc
Max. Input Current MPPT	30A
Battery	
Battery Type	lead-acid /Li-ion
Nominal Battery Voltage	48V
Battery Voltage Range	42-58V
Max. AC Charging Current	50A
Max. PV Charging Current	100A
Max. Continuous Discharging Current	120A
AC Input	
Nominal Voltage	120Vac
Voltage Range	90-140Vac
Frequency	50/60Hz(Auto sensing)
High Loss Frequency	65Hz
Low Loss Frequency	45Hz
Max. Input Current	50A
AC Output	
Nominal Voltage	120Vac±5%
Output Voltage Waveform	Pure Sine Wave
Rated Output Power	5000VA/5000W
Peak Output Power	7500VA
Nominal Output Frequency	50/60Hz
Transfer Time	10ms
Max. PV to AC Efficiency	96.50%
Max. Battery to AC Efficiency	91.00%
Protection	
Over Temperature Protection	Yes
Overload Protection	3s@≥150% load;10s@110%~150% load
General Data	
Operating Temperature Range	-10 -- +50℃
Safety Certification	CE
Relative Humidity	0∞95%Relative Humidity (Non-condensing)
Max. Operating Altitude	< 4000m
Cooling Method	Intelligent Fan cooling
Display	LED + LCD
Degree of Protection	IP21
Weight	8.4kg
Dimension(W*H*D)	370*107*320
Mounting Method	Wall Mounted