

MODEL	ECG-FU62-248P
PV Array	
Max.PV Array Power	7200W
Max.PV Array Open-Circuit Voltage	500VDC
Start-up Voltage	100VDC
MPPT Operating Voltage Range	120-450VDC
Nominal Input Voltage	360VDC
Max. Input Current MPPT	18A
MPPT max Efficiency	99%
Battery	
Battery Type	Li-ion /lead-acid
Nominal Battery Voltage	48V
Battery Voltage Range	41-58V
Max. AC Charging Current	50A
Max. PV Charging Current	100A
Max. Continuous Discharging Current	120A
AC Input	
Nominal Voltage	240Vac (split phase)
Voltage Range	180-280Vac
Frequency	50/60Hz (Auto following)
Max. Input Current	40A
AC Output	
Nominal Voltage	120Vac (L1/N, L2/N)/240Vac(L1/L2) $\pm 5\%$
Output Voltage Waveform	Pure Sine Wave
Rated Output Power	6200VA/6200W
Peak Output Power	8800VA
Nominal Output Frequency	50/60Hz
Transfer Time	10ms
Efficiency(peak) PV to INV	96.5%
Efficiency(peak) BAT to INV	93.0%
Protection	
Over Temperature Protection	Yes
Overload Protection	3s@ $\geq 150\%$ load;10s@ 110%~ 150% load
General Data	
Operating Temperature Range	-10 -- +50°C
Relative Humidity	0~95%
Max. Operating Altitude	< 4000m
Cooling Method	Intelligent Fan cooling
Display	LED + LCD
Communication with BMS	RS485
Communication with Cloud	WiFi/4G
Degree of Protection	IP21
Weight(kg)	10
Dimension(W*H*Dmm)	435*107*306
Mounting Method	Wall Mounted