

Specifications Parameter

Mode	ESS 1000W+2009wh
Inverter/Charger	
Rated AC Output Power	1000W
Output Voltage Waveform	Pure Sine Wave
Output Voltage	185 ~ 230VAC 50Hz
Low DC Warning Point	≤19%
Low DC Cut-off Voltage	5.8Vdc
Low DC Warning Return Voltage	>20%
Charging Power(Utility and solar together)	800W Max.
Bulk Charging Voltage	7.2Vdc
Float Charging Voltage	7.0Vdc
AC Input	
Nominal Input Voltage	230Vac
Low Loss Voltage	90Vac±7
Loss Return Voltage	100Vac±7
High Loss Voltage	280Vac±7
High Loss Return Voltage	270Vac±7
Max.AC Input Voltage	300Vac
Nominal Input Frequency	45 ~ 65Hz
AC Charging Power	800W Max.
Solar Input	
Nominal PV Voltage	38Vdc
MPPT PV Array MPPT Voltage Range	13Vdc~55Vdc
Max.PV Array Open Circuit Voltage	56Vdc
Solar Charging Power	550W Max.
Lithium Iron Battery	
Capacity	2009.6Wh
Nominal Battery Voltage	6.4Vdc
Typical Capacity	314Ah*2
Max.Charge Current	220A
Max.Discharge Current	220A
Operation Voltage Range	5.8Vdc ~ 7.2Vdc
Operation Temperature	-10℃~+50℃
DC Output	
DC Output Power	5W Max.
DC Output Socket	1pcs 5V1A USB charger
Display Function	
LED Indicator	4pcs SOC indicators,1 pcs working status indicators
Protection	Overcharge protection、Overdischarge protection、Overcurrent protection Shortcircuit protection、Overtemperature protection"
Ambient	
(dB)Noise(dB)	<40dB(1meter)
working Temperature	-10℃~+50℃
Humidity	5~95%(no condensation)
Sea Level(m)	≤2000
Dimension	
L×W×H(products size)	422*295*160mm
L×W×H(package size)	532*337*325mm
Weight(NW Kg)	20.9Kg
Weight(GW Kg)	22.7Kg