

7 SPECIFICATIONS

MODEL	ESS-1.5KW-1.28KWH		ESS-3KW-2.56KWH	ESS-3KW-5.12KWH
Rated Inverter Power	1500VA/1500W		3000VA/3000W	
INPUT				
Voltage	230Vac±5%			
Voltage Range	154~264Vac			
Frequency Range	40~70Hz			
AC Input Connection	IEC C14	IEC C20		
Total AC Input Power	2300W	4000W		
PV Input Connection	PP75			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	230Vac±5%			
Surge Power	3000VA	6000VA		
Efficiency (Peak)	93.00%	93.50%		
Transfer Time	10ms (Typical)			
Waveform	Pure Sine Wave			
Output Type	4*AC Outlets 2*USB QC3.0 Ports	4*AC Outlets 3*USB QC3.0 Ports		
SOLAR CHARGER & AC CHARGER				
Solar Charger Type	PWM	MPPT		
Maximum PV Array Power	1200W	1500W		
PV Input Voltage Range	30~85Vdc	30~115Vdc		
Maximum Solar Charge Current	40ADC	60ADC		
AC Charger Current	30ADC	40ADC		
Maximum AC Charging Power	768W	1024W		
Maximum Charge Current	50ADC	100ADC		
BATTERY				
Energy	1280Wh(25.6V 50Ah)	2560Wh (25.6V 100Ah)	5120Wh (25.6V 200Ah)	
Nominal Voltage	25.6Vdc			
COMMUNICATION				
Communication Ports	USB/RS232			
PROTECTION				
Protection Type	AC Input /Output Breakers; Battery Switch; Earth Leakage Circuit Breaker			
ENVIRONMENT				
Humidity	20%~95%(No Condensing)			
Storage Temperature	-15~60°C			
Operation Temperature	0~40°C			
PHYSICAL DIMENSIONS				
Dimensions (net), L * W * H	220*450*565 mm	250*600*685 mm		
Dimensions (package), L * W * H	325*555*605 mm	355*730*765 mm		
Net Weight	26.5±1 kg	44.7±1 kg	63.9±1 kg	
Gross Weight	29.7±1 kg	49.2±1 kg	68.3±1 kg	

The information in this document is subject to change without notice.