



# EOT Series



## All-IN-ONE SOLAR STORAGE SYSTEM

RS-EOT01S-220

RS-EOT02S-220



### Low Noise Design

- Provides users with a quieter user experience

### Fast Charging

- PV and AC hybrid charging, fast charging speed, can fully charge the battery within 1 hour

### Automatic And Manual Bypass

- Equipped with automatic and manual power switching function, manual switching can provide a maximum power of 5000W

### Long Life And Safety

- The lithium iron phosphate battery is adopted, with a cycle life of more than 6000 cycles

### Pure Sine Wave Output

- Stronger carrying capacity, can connect more household loads

### MPPT Charging

- High charging efficiency, can be connected to higher voltage and higher power solar panels

Model	RS-EOT01S-220	RS-EOT02S-220
<b>Inverter Output</b>		
Rated Output Power	1,500W	2,500W
Max.Peak Power	3,000VA	5,000VA
Rated Output Voltage	230Vac	
Waveform	Pure Sine Wave	
Power Factor	1	
Frequency	50/60Hz	
Auto Switch Period	< 10ms (typical)	
THD	3%	
<b>Battery</b>		
Battery Type	LiFePO4	
Battery Energy	1.28kWh	2.56kWh
Battery Capacity	50AH	100AH
Battery Rated Voltage	25.6V	
Battery Working Voltage Range	22.4 ~ 28.8V	
Standard Charge current	25A	50A
Maximum Charge Current	50A	100A
<b>PV Charge</b>		
Solar Charge Type	MPPT	
Max. Output Power	1,000W	1,500W
Max. MPPT Charging Current	40A	60A
Max. Voltage of Open Circuit	108V	
MPPT Voltage Range	30~95Vdc	
<b>AC Charge</b>		
Max. AC Charge Power	1,000W	1,500W
Max. AC Charging Current	40A	60A
Rated Input Voltage	220/230Vac	
Input Voltage Range	90 ~ 280Vac	
<b>AC Bypass Output</b>		
Auto Bypass Rated Output Power	2,000W	3,000W
Manual Bypass Rated Output Power	5,000W	
Frequency	50Hz	
AC Input Breaker	30A	
<b>Efficiency</b>		
MPPT Tracking Efficiency	99.9%	
<b>General</b>		
Protection Degree	IP20, Indoor Only	
Charging temperature range	0°C~45°C	
Noise	≤40dB	
Storage time / temperature	6 months @25°C;3 months @35°C;1 months @45°C	
Dimensions	400*400*300mm	
<b>Interface</b>		
Communication	USB-Type A	
Charge	USB-Type B (5V 2A*2)	
<b>Certification</b>		
Safety	MSDS,UN38.3,IEC61000-6:2019	
RoHS	Yes	