



## 204V-512V Residential Energy Storage System

### ■ Specifications

Model number	RESS-BS-7.6-H0	RESS-BS-11.4-H0	RESS-BS-15.2-H0	RESS-BS-19-H0
<b>System</b>				
Battery System Capacity (kWh)	7.6	11.4	15.2	19
Usable Capacity (kWh)	7.6	11.4	15.2	19
Numbers of Battery Modules	2	3	4	5
Rated Battery Voltage (V)	204.8	307.2	409.6	512
Operating Battery Voltage Range (V)	147~230	221~345	294~460	368~576
Rate Power (kW)	5	7.5	10	12.5
Rated Discharging Current (A)	25.9	25.9	25.9	25.9
Max Discharging Current (A)	37	37	37	37
Rated Charging Current (A)	18.5	18.5	18.5	18.5
Max Charging Current (A)	25.9	25.9	25.9	25.9
Peak Discharging/Charging Current (A)	148/55.5@5S	148/55.5@5S	148/55.5@5S	148/55.5@5S
System Dimensions (W*H*D) (mm)	670*900*170	670*1215*170	670*1515*170	670*1830*170
System Net Weight (kg)	90	166	128	204
Communication	RJ45 (RS485, CAN, Dry contact)			
<b>Module</b>				
Battery Module Number	RESS-BA-10237-H0			
Battery Module Capacity (kWh)	3.8			
Rated Battery Module Voltage (V)	102.4			
Battery Module Dimensions (W*H*D) (mm)	670*315*170			
Battery Module Net Weight (kg)	38			
Control Box Module Dimensions (W*H*D) (mm)	670*220*170			
Control Box Net Weight (kg)	14			
<b>Environment</b>				
Operating Temperature	(-10°C~50°C)			
Operating Humidity	0~95%RH			
Operating Altitude	<=3000m			
Installation	Wall-mounted or Floor type			
Enclosure Protection Rating	IP65			
Warranty	10years			
Cycle File	>=6000 cycles @ 75% EOL,25°C,100% DoD			
<b>Certification</b>				
Certification	IEC62619/UN38.3			