sunvolt

ENERGY STORAGE BATTERY

Energy Solutions by Panasonic



SUNVOLT ENERGY STORAGE SYSTEM

- Outdoor Installation
- Backup Power
- Integrated Isolators
- Pre-wired

TECHNICAL SPECIFICATIONS

Battery Input Data	SV-R30-BATTERY-S5.4	SV-R30-BATTERY-S10.8
Rated Energy (kWh)	5.37	10.74
Usable Energy (kWh)	4.83	9.66
Cell Type	LFP(LiFePO4)	
Rated Voltage (V)	51.2	
Operating Voltage Range (V)	47.5~57.6	
Nominal Dis-/Charge Current (A)	50A	100A
Max. Discharge Current (A)	100A@15min	100A
Max. DischargePower (kW)	5.3	5.3
Communication	CAN&RS485	
Battery Weight (kg)	53(1 pack)	106(2 packs)
Battery Dimensions (W*D*H) (mm)	710x600x260	710*940*260
Operating Temperature (°C)	Charge: 0~+50; Discharge: -10~+50	
Relative Humidity	0~95%	
Max. Operating Altitude (m)	2000	
Protection Degree	IP65 (Outdoor / Indoor) Connector needs to be plugged	
Standard and Certification	Safety, EMC, UN38.3	
General Data		
Operating Temperature Range (°C)	-25~50	
Relative Humidity	0~95%	
Max. Operating Altitude (m)	2000	
Cooling Method	Natural Convection	
Storage Temperature (°C)	Battery: -20~+40 (One Month) ; 0~+35 (One Year)	

Country of Manufacture: China

WARRANTY

10 Year Product and Performance Warranty.
Terms & Conditions apply.