

All In One Energy Storage Battery System



Product Description

- ★ One-stop home solution
- ★ Modular design and intelligent switching
- ★ Each battery is equipped with an independent BMS battery energy management system
- ★ Support GPRS/WIFI/RS485, remote monitoring

Product Features



ALL in one system



Modular & Stacked Design



Battery energy management system



MPPT solar charging



Long service life



With communication protocol



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Technical Specifications

Model	SAS-AIO-5.12	SAS-AIO-10.24	SAS-AIO-15.36 SAS-AIO-16.07
Inverter parameter			
Rated power	5000W	6200W	6200W
AC rated voltage	220VAC/230VAC		
Selectable voltage range	170-280VAC		
Frequency range	50HZ/60Hz		
AC voltage	230VAC±5%		
Efficiency	≥ 93.5%		
Transfer time	10ms		
Waveform	Sine Wave		
Rated battery voltage	51.2V		
Battery voltage range	40-58.4V		
Compatible battery type	Lithium		
Max.PV array open circuit voltage	500VDC		
Max.PV array power	5000W	6200W	6200W
MPPT range@ Operating voltage	60-450VDC		
Max.charge current	100A		
Net weight	10kg		
Dimension	550*200*324mm		
Battery parameter			
Rated capacity	5.12 kWh	10.24 kWh	15.36/16.07 kWh
Nominal voltage	51.2V		
Normal Capacity	100Ah	200Ah	304/314Ah
Discharge voltage range	43.2-57.6V		
Standard charge current	0.5C@25℃		
Max.charging current	1C@25℃		
Max.discharge current	1C@25℃		
Max.power output	5120Wh	10240Wh	15360/16070 Wh
Depth of discharge DOD	1		
Communication Interface	RS485/RS232/CAN		
Cycle life	25±2℃， 0.5C/0.5C， EOL80% ≥ 6000		
Working temperature range	Charge: 0℃ ~55℃ Discharge: -20℃ ~55℃		
Net weight	55kg	100kg	145/155kg
Dimension	550*200*697mm	550*200*1070mm	550*200*1443mm

