

All In One Energy Storage Battery System



Product Description

- ★ One-stop home solution
- ★ High inverter compatibility
- ★ Wide PV input voltage

Product Features



ALL in one system



Stable performance



Battery energy management system



Recycling



Long service life



With communication protocol



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Technical Specifications

Model		SAS-AIO-2.56
Inverter Parameters		
Inverter Output	Rated power	2000W
	AC rated voltage	230VAC
	Rated frequency	50Hz
	AC voltage	230VAC±5%
	Max. Efficiency	92%
	Switchover time	10ms
	Wave	Pure sine wave
Inverter Input	Battery overvoltage	31.0V
	Battery undervoltage warning	23.8V
	Battery undervoltage	22.8V
	Constant charge voltage	28.8V
	Float charge voltage	28.0V
Grid Input	Rated voltage	220V
	Voltage range	90~280VAC
	Rated frequency	50Hz
	Frequency range	40~70Hz
	Rated current	10.9A
	Max. AC current	17A
PV Input	Max. voltage	160V
Inverter Charge	Inverter Max. charge current	100A
	Grid Max. battery charge current	80A
	PV Max. charge current	60A
Battery Parameters		
Rated capacity		2.56 kWh
Nominal voltage		25.6V
Discharge voltage range		21.6 ~28.8V
Standard charge current		0.5C@25℃
Max. charge current		1C@25℃
Max. discharge current		1C@25℃
Max. power output		2560Wh
Depth of discharge DOD		1
Communication interface		RS485
Cycle life		25±2℃, 0.5C/0.5C, EOL80% ≥ 6000
Working temperature range		Charge: 0℃ ~60℃ Discharge: -20℃ ~60℃
Packaging size		480×310×630mm
Gross weight		35kg

