

# Energy Storage System

- RESS-5000A/5KWh
- RESS-10000A/10KWh



Safe LFP battery is used as the energy storage body, with small size, large capacity, light weight, high power as main features.

With overcharge, over-discharge protection, power monitoring and low battery alarm function.

Compatible with hybrid inverters of mainstream manufacturers in the market, easy to use.

The LED lights display the parameters of the equipment in real time, and the operating status is clear at a glance.

## PARAMETER

PV Input Parameters	Max. Power	5000W	Max. Voltage	115V
	Max. Current	80A	MPPT Voltage Range	60-115V
	No. of MPPTs/No. of sets that can be connected to each group of MPPTs		1/2	
Grid Output Parameters	Rated AC Power	5000W	Max. AV Current	24.5A
	Max. Continuous Current	26A	Rated Grid Voltage Grid voltage range	110V/220V/230V AC 90-264V AC
	Rated Grid Frequency	50Hz(45-54Hz)/60Hz(55-65Hz)	AC Type	single phase (L+N+PE)
Emergency Power Output	Rated Voltage	208/220/230/240V AC	Rated Power	5000W
	Rated Frequency	50/60Hz	Response Time	10-20ms
Energy Storage Battery Parameters	Capacity	5KWH/10KWH	Battery Type	Lithium Iron Phosphate
	Rated Voltage	51.2V	Max. Charge and Discharge Power	5000W
	Voltage Range	40-58.4V	Max. Charge & Discharge Current	100A/200A