



Portable All-In-One ESS

POWER ANYWHERE, ANYTIME.

RB5000



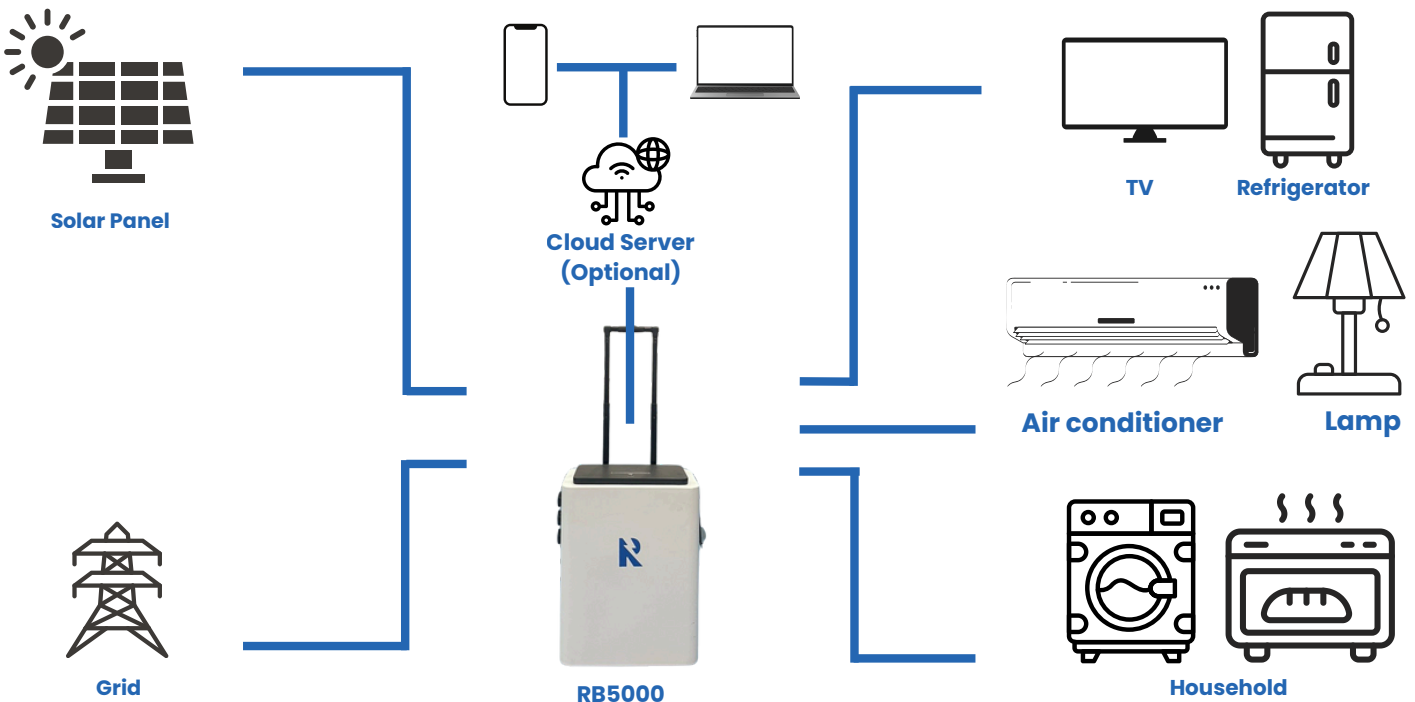


All-in-One Portable Energy Storage System

- **Compact**
- **Intelligent**
- **Ready when you are**



Powering Every Need



Why Choose RB5000?

All-in-One Design

Inverter, Battery, EMS & BMS in one sealed unit for plug-and-play setup.

Advanced MPPT

99.5 % efficiency to harvest every watt of sunlight.

Comprehensive Protection

Overload, short-circuit, reverse polarity, and surge safeguards.

LiFePO₄ Battery

Safe, durable, long cycle life

Smart Cooling

Variable-speed fan control keeps temperature and noise low.

Durable Design

IP54 weather-resistant enclosure for indoor or outdoor use.



RB5000

ALL-IN-ONE ESS



CHARACTERISTICS

Item Classification	Item	Specification
Battery	Cell Type	LifePO4
	Voltage	51.2V
	Capacity	5.12kWh
	Max.Charge Current	40A
	Max.Discharge Current	100A
Ac Output	Rated Power	5000W
	Max.Output Power	6000W
	Rated Voltage	220/230/240Vac
	Frequency	50Hz/60Hz
	Efficiency	>91.5%
Ac Input	Rated Voltage	220/230Vac
	Input Voltage Range	90~380Vac
	Frequency	50Hz/60Hz
PV input	Max. Power	6000W
	Max. PV Voltage	500Vdc
	Max. PV Charge Current	80A
Other Parameter	Size	498 x 336 x 620 mm
	Weight	≈ 66kg