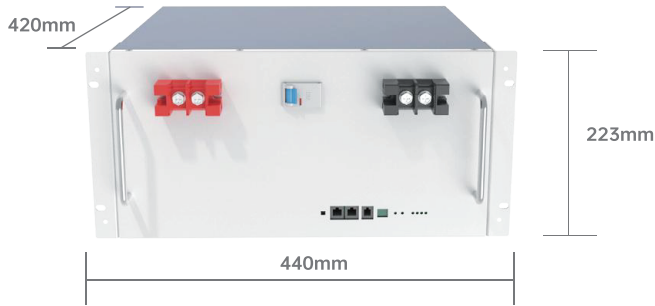


R05K-3U5 & R05K-5U

KEY FEATURES

- Standard 19 inch Rack mount design
- Each basic storage battery with build-in intelligent BMS
- Support RS485, CAN, RS232, communication
- High efficient & Long lasting service life



5kWh Rack 5U module
5kWh Rack 3.5U module



Advantage:

- Compact and fashionable design fits in your sweet home environment;
- Deliver up to 5KW with single module;
- Modular design gives the end customers the power of choice of capacity;
- Compatible with most of the available Hybrid inverters;
- Simple buckle fixing minimize the installation time and cost;
- Safety Cert. CE UL1973 UN38.3, UL9540A cells;
- Up to 15pcs parallel for large capacity application.

Application:

Solar/wind energy storage system, UPS, backup power, Telecommunication, medical equipment, lighting, etc.

	Model Number	R05K-3U5	R05K-5U
Electrical Parameter	Nominal Voltage	51.2V	
	Nominal Capacity @ 0.2C	100Ah	
	Nominal Energy	5120Wh	
	Parallel Number	RS485: 15 CAN: 15	
	Communication	RS232; RS485; CAN option	
	Cycle life	≥ 5000	
	Recommended SOC Range	20%-90%SOC	
	Self-discharge@25°C	≤ 3%/month @SOC 50%	
Charge Characteristics	Equalized Charging Voltage	54.4V	
	Float Charge Voltage	53.6V	
	Standard Charging Current/Power	20A/1000W	
	Maximum Charging Current/Power	50A/2500W	
Discharge Characteristics	Standard Discharge Current/Power	20A/1000W	
	Maximum Discharge Current/Power	100A/5000W	
	Discharge Cut-Off Voltage	43.2V	
Mechanical Properties	Dimensions (W×D×H) mm	440×420×156 (19inch 3.5U)	440×420×223 (19inch 5U)
	Weight (Approx.)	47Kg	52Kg
Environmental Characteristics	Operating Temperature	charge 0-45°C, discharge -20-55°C	
	Storage Temperature	0~25°C 50%SOC, 12Months	
	Storage Humidity	≤ 90%RH	
	Storage Altitude	≤ 2000m	
	Certification	UN38.3,IEC62619,IEC61000, ROHS,DG certification	UN38.3,IEC62619,IEC61000,ROHS, DG certification,ETL-UL1973