

# ***ENERGY STORAGE BATTERY***

***LiFe P04***

**RAFAL'S SECOND-GENERATION LOW-VOLTAGE STACKABLE ENERGY STORAGE PRODUCT USES HIGH EVE STABILITY A-GRADE LITHIUM IRON PHOSPHATE BATTERIES, WHICH ARE SAFER AND MORE RELIABLE, WITH BUILT-IN WIFI AND AN ENERGY CONVERSION RATE OF UP TO 98%.**

# WALL-MOUNTED ENERGY STORAGE BATTERY



WALL-MOUNTED PRODUCTS ARE WIDELY USED IN HOME PHOTOVOLTAIC ENERGY STORAGE SYSTEMS, EQUIPPED WITH

- LITHIUM IRON PHOSPHATE BATTERIES, SAFE AND RELIABLE,
- BMS INTELLIGENT MANAGEMENT,
- SUPPORT BLUETOOTH AND WIFI FUNCTIONS
- EVE A PRODUCT 6000 TIMES + ULTRA-LONG CYCLE LIFE
- NEW SHELL DESIGN, SIMPLE AND STYLISH DESIGN,
- SUPPORT MULTIPLE COMMUNICATION PROTOCOLS, COMPATIBLE WITH MULTIPLE INVERTERS
- SUPPORT FLOOR-STANDING AND WALL-MOUNTED INSTALLATION.
- FIVE-YEAR WARRANTY, DESIGN LIFE OF TEN YEARS



## 25.6V 200Ah-LiFePO4-battery

EVE A+ cells、LiFePO4 cells/Long cyclelife/  
Bluetooth

Parameters	5kWh
Performance	
Battery Type	LiFePO4
Nominal Capacity	200Ah
Energy	5120Wh
Nominal Voltage	25.6V
Operating Voltage Range	22.4-28.8V
Charging Voltage Range	22.4-28.8V
Cut-off Charging Voltage	28.8V
Standard Charging Current/Power	50A/1.28kW
Maximum Charging Current/Power	100A/2.56kW
Standard Discharging Current/Power	50A/1.28kW
Maximum Continuous Discharging Current/Power	100A/2.56kW
Peak Discharge Current	110A
Cut-off Discharge Voltage	22.4V
Recommended Discharge DOD (Depth of Discharge)	0.9
Cycle Life	6000
Designed Lifespan	10 years
General Specification	
Communication	CAN/RS485/RS232
Efficiency	0.96
Maximum Parallel Units	Up to 15 Units, Suggest 8 Units Max
Discharge Temperature Range	-20-60℃
Charge Temperature Range	0-55℃
Storage Temperature Range	10-30℃
Inverter Compatibility	DEYE/AFORE/MEGAREVO/SOLIS/GROWATT/LUXPOWER/ VOLTRONICS/GOODWE/SMA/VICTRON/SOROTEC/MUST/etc.
Enclosure Material	SPCC
Ingress Protection Rating	IP21
Corrosion Protection Rating	C3
Auxiliary Heating Function	Optional
Dimensions (L*W*H)	580*565*180mm
Net Weight / Gross Weight	56kg approx
Certifications	UN38.3/MSDS



## 51.2V 100Ah-LiFePO4-battery

EVE A+ cells、LiFePO4 cells/Long cyclelife/  
Bluetooth

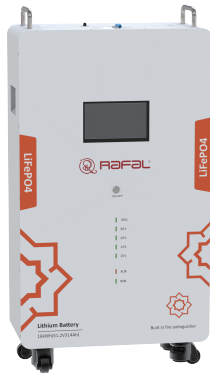
Parameters		5kWh
Performance		
Battery Type		LiFePO4
Nominal Capacity		100Ah
Energy		5120Wh
Nominal Voltage		51.2V
Operating Voltage Range		44.8-57.6V
Charging Voltage Range		44.8-57.6V
Cut-off Charging Voltage		57.6V
Standard Charging Current/Power		50A/2.56kW
Maximum Charging Current/Power		100A/5.12kW
Standard Discharging Current/Power		50A/2.56kW
Maximum Continuous Discharging Current/Power		100A/5.12kW
Peak Discharge Current		110A
Cut-off Discharge Voltage		44.8V
Recommended Discharge DOD (Depth of Discharge)		0.9
Cycle Life		6000
Designed Lifespan		10 years
General Specification		
Communication		CAN/RS485/RS232
Efficiency		0.96
Maximum Parallel Units		Up to 15 Units, Suggest 8 Units Max
Discharge Temperature Range		-20-60℃
Charge Temperature Range		0-45℃
Storage Temperature Range		10-30℃
Inverter Compatibility		DEYE/AFORE/MEGAREVO/SOLIS/GROWATT/LUXPOWER/ VOLTRONICS/GOODWE/SMA/VICTRON/SOROTEC/MUST/etc.
Enclosure Material		IPCC
Ingress Protection Rating		IP21
Corrosion Protection Rating		C3
Auxiliary Heating Function		Optional
Dimensions (L*W*H)		600*440*185mm
Net Weight / Gross Weight		56kg approx
Certifications		UN38.3/MSDS



## 51.2V 200Ah-LiFePO4-battery

EVE A+ cells、LiFePO4 cells/Long cyclelife/  
Bluetooth

Parameters	10kWh
Performance	
Battery Type	LiFePO4
Nominal Capacity	200Ah
Energy	10240Wh
Nominal Voltage	51.2V
Operating Voltage Range	44.8-57.6V
Charging Voltage Range	57.6V
Cut-off Charging Voltage	57.6V
Standard Charging Current/Power	75A/3.84kW
Maximum Charging Current/Power	150A/7.68kW
Standard Discharging Current/Power	75A/3.84kW
Maximum Continuous Discharging Current/Power	150A/7.68kW
Peak Discharge Current	160A
Cut-off Discharge Voltage	44.8V
Recommended Discharge DOD (Depth of Discharge)	0.9
Cycle Life	6000
Designed Lifespan	10 years
General Specification	
Communication	CAN/RS485/RS232
Efficiency	0.96
Maximum Parallel Units	Up to 15 Units, Suggest 8 Units Max
Discharge Temperature Range	-20-60℃
Charge Temperature Range	0-45℃
Storage Temperature Range	10-30℃
Inverter Compatibility	DEYE/AFORE/MEGAREVO/SOLIS/GROWATT/LUXPOWER/ VOLTRONICS/GOODWE/SMA/VICTRON/SOROTEC/MUST/etc.
Enclosure Material	IPCC
Ingress Protection Rating	IP21
Corrosion Protection Rating	C3
Auxiliary Heating Function	Optional
Dimensions (L*W*H)	480*850*195mm
Net Weight / Gross Weight	98kg
Certifications	UN38.3/MSDS



## 51.2V 314Ah-LiFePO4-battery

EVE A+ cells、LiFePO4 cells/Long cyclelife/  
Bluetooth

Parameters	16kWh
Performance	
Battery Type	LiFePO4
Nominal Capacity	314Ah
Energy	16077Wh
Nominal Voltage	51.2V
Operating Voltage Range	44.8-57.6V
Charging Voltage Range	57.6V
Cut-off Charging Voltage	57.6V
Standard Charging Current/Power	75A/3.84kW
Maximum Charging Current/Power	150A/7.68kW
Standard Discharging Current/Power	75A/3.84kW
Maximum Continuous Discharging Current/Power	150A/7.68kW
Peak Discharge Current	160A
Cut-off Discharge Voltage	44.8V
Recommended Discharge DOD (Depth of Discharge)	0.9
Cycle Life	8000
Designed Lifespan	10 years
General Specification	
Communication	CAN/RS485/RS232
Efficiency	0.96
Maximum Parallel Units	Up to 15 Units, Suggest 8 Units Max
Discharge Temperature Range	-20-60℃
Charge Temperature Range	0-45℃
Storage Temperature Range	10-30℃
Inverter Compatibility	DEYE/AFORE/MEGAREVO/SOLIS/GROWATT/LUXPOWER/ VOLTRONICS/GOODWE/SMA/VICTRON/SOROTEC/MUST/etc.
Enclosure Material	IPCC
Ingress Protection Rating	IP2
Corrosion Protection Rating	C3
Auxiliary Heating Function	Optional
Dimensions (L*W*H)	486*800*265mm
Net Weight / Gross Weight	128kg
Certifications	UN38.3/MSDS