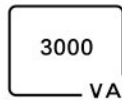


# RAJA



LiFePO4 Cells



Inverter 3kW



Battery Capacity



Battery Cycles



Warranty

## RAJA FA3000A

3kW All-in-one Energy Storage System



## Inverter Ingegrated

Pure Sine Wave Intervert  
6kW Peak Power  
120V-450V PV Input  
Max Charging 100A



## Plug and Use

Functional Ports Reserved  
PV connection  
AC Output  
AC loads Connection



## Smart BMS

Multi-level Safety  
Overcharge Protection  
Over-discharge Protection  
Over-current/heat protection



## Easy Setup

Indoor/Outdoor  
Household AC  
All-in-one System  
Compact Design



### FA3000A 3000W All-in-one Energy Storage System

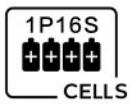


#### Inverter Characteristics

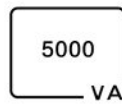
#### Battery Characteristics

Inverter Type	Offgrid	Nominal Voltage	25.6V
AC Rated Power/Peak Power	3kW/6kW		
Vac Input/Output Voltage	230V ± 5%	Rated Capacity	160Ah(0.5°C/25°C)
PV Voltage Range	120V-450V		
PV Maximum Input Current	18A	Rated Energy	4.096kWh (0.5°C/25°C)
Maximum Charging Current	100A		
Operation Interaction	Display Screen, App		
Product Dimension	500 × 170 × 750mm		
Weight	60kg		
Working Temperature	Charge: 0-45°C		
	Discharge: -20-60°C		
Storage Temperature	10-35°C		

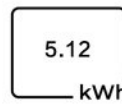
# RAJA



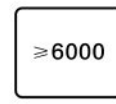
LiFePO4 Cells



Inverter 5kW



Battery Capacity



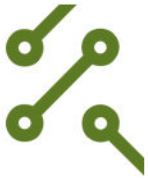
Battery Cycles



Warranty

## RAJA FA5000A

5kW All-in-one Energy Storage System



## Inverter Ingegrated

Pure Sine Wave Intervert  
10kW Peak Power  
120V-450V PV Input  
Max Charging 100A



## Plug and Use

Functional Ports Reserved  
PV connection  
AC Output  
AC loads Connection



## Smart BMS

Multi-level Safety  
Overcharge Protection  
Over-discharge Protection  
Over-current/heat protection



## Easy Setup

Indoor/Outdoor  
Household AC  
All-in-one System  
Compact Design



### FA5000A 5000W All-in-one Energy Storage System



#### Inverter Characteristics

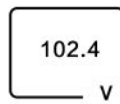
#### Battery Characteristics

Inverter Type	Offgrid	Nominal Voltage	51.2V
AC Rated Power/Peak Power	5kW/10kW		
Vac Input/Output Voltage	230V ± 5%	Rated Capacity	100Ah(0.5°C/25°C)
PV Voltage Range	120V-450V		
PV Maximum Input Current	18A	Rated Energy	5.12kWH (0.5°C/25°C)
Maximum Charging Current	100A		
Operation Interaction	Display Screen, App		
Product Dimension	550 × 950 × 240mm		
Weight	70kg		
Working Temperature	Charge: 0-45°C		
	Discharge: -20-60°C		
Storage Temperature	10-35°C		

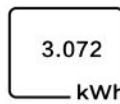
RAJA



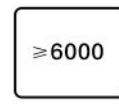
LiFePO4 Cells



High Voltage



Battery Capacity



Battery Cycles



Warranty

## RAJA FD3000A

High Voltage Stackable Battery Modular 3kWh



## Modular

**Saving Space**  
Battery Modules  
Control Box Module  
Rack Base Module



## Effortless Mounting

**Stackable Connection**  
Cable-free  
LCD screen Display  
AC loads Connection



## Expandable

**9kWh-18kWh**  
Support 3phase use  
Greater Flexibility  
Stack and connects



## Easy Monitoring

**APP View**  
Battery Status  
Charging State  
Discharging State



## Strong Compatibility

**102V-614V optional**  
Match major inverter brands  
All-in-one Energy Storage System



## Multi-Protection

**Overcharge Protection**  
Over-discharge Protection  
Over-current/heat protection



### Single Module Characteristics

Rated Capacity	30Ah
Rated Energy	3.072kWh
Nominal Voltage	102.4V
Charge Cut-off Voltage	116V
Discharge Cut-off Voltage	80V
Rated Charge Current	15A
Rated Discharge Current	30A
Dimension	520*320*177.6mm
Weight	30kg
Protection Level	IP65
Working Temperature	Charge: 0-45°C    Discharge: -20-60°C
Storage Temperature	10-35°C

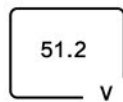


High Voltage Stackable Battery Modular					FD3000A
NOS of Modules	2	3	4	5	6
Battery Energy	6kWh	9kWh	12kWh	15kWh	18kWh
Battery Capacity	30Ah				
Rated Voltage	204V	307V	409V	512V	614V
Working Voltage	160~233	240~350	320~467	400~584	480~700
NOS of Cells	2P64S	2P96S	2P128S	2P160S	2P192S
Battery type	LFP				
Cycle Life	>6000				
Rated Charge Current	15A				
Rated Discharge Current	30A				
Display	LCD				
Communication	CAN				
Working Temperature	Charge: 0~45°C Discharge: -20~60°C				
Storage Temperature	10~35°C				
Relative Humidity	0~95%				
Highest Altitude	2000				
Dimension	520*320*510mm	520*320*690mm	520*320*870mm	520*320*1050mm	520*320*1230mm
Weight	70kg	100kg	130kg	160kg	190kg
Protection Level	IP65				
Mounting	Stacking on the ground				
Standards & Certification	UN38.3/MSDS EN: ICE62619/ICE62040/IEC60730				

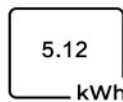
RAJA



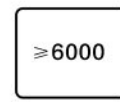
LiFePO4 Cells



High Voltage



Battery Capacity



Battery Cycles



Warranty

## RAJA FD5000C

High Voltage Stackable Battery Modular 5kWh





## Modular

**Saving Space**  
Battery Modules  
Control Box Module  
Rack Base Module



## Effortless Mounting

**Stackable Connection**  
Cable-free  
LCD screen Display  
AC loads Connection



## Expandable

**10kWh-30kWh**  
Support 3phase use  
Greater Flexibility  
Stack and connects



## Easy Monitoring

**APP View**  
Battery Status  
Charging State  
Discharging State



## Strong Compatibility

**102V-307V optional**  
Match major inverter brands  
All-in-one Energy Storage System



## Multi-Protection

**Overcharge Protection**  
Over-discharge Protection  
Over-current/heat protection

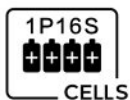


### Single Module Characteristics

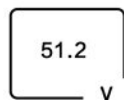
Rated Capacity	100Ah
Rated Energy	5.12kWh
Nominal Voltage	51.2V
Charge Cut-off Voltage	58V
Discharge Cut-off Voltage	40V
Rated Charge Current	50A
Rated Discharge Current	50A
Dimension	600*400*190mm
Weight	50kg
Working Temperature	Charge: 0-45°C    Discharge: -20-60°C
Storage Temperature	10-35°C



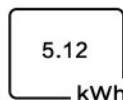
High Voltage Stackable Battery Modular					FD5000C
NOS of Modules	2	3	4	5	6
Battery Energy	10kWh	15kWh	20kWh	25kWh	30kWh
Battery Capacity	100Ah				
Rated Voltage	102.4V	153.6V	204.8V	256V	307.2V
Working Voltage	80~116	120~175	160~233	200~292	240~350
NOS of Cells	1P32S	1P48S	1P64S	1P80S	1P96S
Battery type	LFP				
Cycle Life	> 6000				
Rated Charge Current	50A				
Rated Discharge Current	100A				
Display	LCD				
Communication	CAN				
Working Temperature	Charge: 0~45°C Discharge: -20~60°C				
Storage Temperature	10~35°C				
Relative Humidity	0~95%				
Highest Altitude	2000				
Dimension	650*430*640mm	650*430*800mm	650*430*960mm	650*430*1120mm	650*430*1280mm
Weight	120kg	170kg	220kg	270kg	320kg
Protection Level	IP65				
Mounting	Stacking on the ground				
Standards & Certification	UN38.3/MSDS EN: ICE62619/ICE62040/IEC60730				



LiFePO4 Cells



High Voltage



Battery Capacity



Battery Cycles



Warranty

## RAJA FD5000A

Low Voltage Stackable Battery Modular 5kWh



## Modular

**Saving Space**  
Battery Modules  
Control Box Module  
Rack Base Module



## Effortless Mounting

**Stackable Connection**  
Cable-free  
LCD screen Display  
AC loads Connection



## Expandable

**9kWh-18kWh**  
Support 3phase use  
Greater Flexibility  
Stack and connects



## Easy Monitoring

**APP View**  
Battery Status  
Charging State  
Discharging State



## Multi-Protection

**Match major inverter brands**  
Overcharge Protection  
Over-discharge Protection  
Over-current/heat protection



### Single Module Characteristics

Rated Capacity	100Ah
Rated Energy	5.12kWh
Nominal Voltage	51.2V
Charge Cut-off Voltage	58.4V
Discharge Cut-off Voltage	40V
Rated Charge Current	100A
Rated Discharge Current	100A
Capacitor Pre-charging	100000uF
Communication	CAN/485
Connection Type	3 modules
Dimension	590*399*186.6mm
Weight	53kg
Protection Level	IP40
Working Temperature	Charge: 0-45°C    Discharge: -20-60°C
Storage Temperature	10-35°C

# Low Voltage Stackable Module



Low Voltage Stackable Battery Modular			FD5000A
NOS of Modules	1	2	3
Battery Energy	5kWh	10kWh	15kWh
Battery Capacity	100Ah	200Ah	300Ah
Rated Voltage	51.2V		
Working Voltage	40~58V		
NOS of Cells	1P16S	2P16S	3P16S
Battery type	LFP		
Cycle Life	> 6000		
Rated Charge Current	50A	100A	100A
Rated Discharge Current	100A	200A	200A
Display	LCD		
Communication	CAN/RS485		
Working Temperature	Charge: 0~45℃ Discharge: -20~60℃		
Storage Temperature	10~35℃		
Relative Humidity	0~95%		
Highest Altitude	2000		
Dimension	590*400*300mm	590*400*490mm	590*400*680mm
Weight	60kg	110kg	160kg
Protection Level	IP65		
Mounting	Stacking on the ground		
Standards & Certification	UN38.3/MSDS EN: ICE62619/ICE62040/IEC60730		

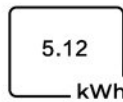
RAJA



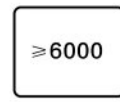
LiFePO4 Cells



High Voltage



Battery Capacity



Battery Cycles



Warranty

**RAJA FD5000B**

**Low Voltage Wall Mounting Battery 5kWh**



## Strong Compatibility

Multi-Inverters Compatible  
Offgrid Inverters  
Hybrid Inverters  
Expandable in parallel



## Effortless Mounting

Wall-mounted  
Functional Ports Reserved  
LCD Screen Display  
AC loads Connection



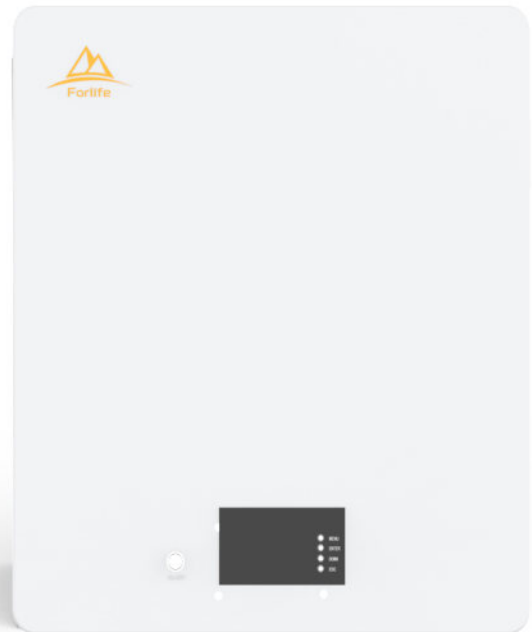
## Multi-Protection

Strong Compatibility  
Overcharge Protection  
Over-discharge Protection  
Over-current/heat protection



## Easy Monitoring

APP View  
Battery Status  
Charging State  
Discharging State



### Single Module Characteristics

Rated Capacity	100Ah
Rated Energy	5.12kWh
Nominal Voltage	51.2V
Charge Cut-off Voltage	58.4V
Discharge Cut-off Voltage	40V
Rated Charge Current	100A
Rated Discharge Current	100A
Capacitor Pre-charging	30000uF
Communication	CAN/RS485
Connection Type	Plug in parallel
Max number in one stack	3 modules
Rated Energy	5.12-15.36kWh
Dimension	484*196*520mm
Weight	44kg
Working Temperature	Charge: 0-45°C Discharge: -20-60°C
Storage Temperature	10-35°C

# Wall Mounting Module



Low Voltage Separated Battery Modular		FD5000B	
	1	2	3
Battery Energy	5kWh	10kWh	15kWh
Battery Capacity	100Ah	200Ah	300Ah
Rated Voltage	51.2V		
Working Voltage	40~58V		
NOS of Cells	1P16S	2P16S	3P16S
Battery type	LFP		
Cycle Life	>6000		
Rated Charge Current	50A	100A	100A
Rated Discharge Current	100A	200A	200A
Display	LCD		
Communication	CAN/RS485		
Working Temperature	Charge: 0~45℃ Discharge: -20~60℃		
Storage Temperature	10~35℃		
Relative Humidity	0~95%		
Highest Altitude	2000		
Dimension	485*200*520mm	(485*200*520)*2mm	(485*200*520)*3mm
Weight	50kg	100kg	150kg
Protection Level	IP65		
Mounting	Wall Mounting		
Standards & Certification	UN38.3/MSDS EN: ICE62619/ICE62040/IEC60730		