



FJ48100
机架式
锂离子电池
Rack-Mounted
LFP Battery
5.22kWh

FJ48100 机架式锂离子电池 Rack-Mounted LFP Battery

- 模块化灵活扩容：按需扩展储能容量，无缝匹配能源需求增长。
Modular Scalability: Flexibly expand capacity to meet growing energy demands.
- 超长循环寿命：90%放电深度下循环超6000次，长效使用更省成本。
Long-Term Investment: Over 6000 cycles at 90% DoD ensure decades of cost-effective service.
- 多重安全防护：IP21防护+智能BMS，过充/过放/过热全面保护。
Integrated Safety: IP21 protection and advanced BMS for overcharge/overheat prevention.
- 5kW高功率输出：满足工商业储能场景的高负荷需求。
High Power Output: Delivers up to 5kW for industrial and commercial energy storage needs.
- 远程集成管理：支持CAN/RS485通讯，轻松接入能源系统集中监控。
Remote Management: CAN/RS485 communication supports seamless system integration and monitoring.

标称容量 Nominal Capacity	5.22kWh
内置电池技术 Built-in Battery	LFP/102Ah
标称电压 Nominal Voltage	51.2V
IP等级 IP Rating	IP21
充电/放电温度 Charge/Discharge Temp	0~55℃ / -10~55℃
工作电压范围 Operating Voltage Range	44.8~58.4V
最大输出功率 Max. Output Power	5kw
最大持续充电电流 Max. Continuous Charge Current	100A
最大持续放电电流 Max. Continuous Discharge Current	100A
推荐放电深度 Recommended DoD	90%
循环寿命 Cycle Life	>6000Cycles
通讯方式 Communication	CAN/RS485
单个模组尺寸 Single Module Dimensions	590 × 390 × 145mm
单个模组重量 Weight of a single module	~46.8kg