

FUJIAPOWER 富嘉电源

富源乎新·嘉立于行

*Prosperity springs from innovation;
excellence is built upon action.*

富嘉电源·驱动未来
Fujia Power, Driving the Future

电池管理系统&电源全栈方案商
BMS & POWER STACK SOLUTION PROVIDER

深圳市富嘉电源科技有限公司
SHENZHEN FUJIA POWER TECHNOLOGY CO., LTD.

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SHENZHEN FUJIA POWER TECHNOLOGY CO., LTD.



富源乎新 · 嘉立于行

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研发与制造 电动车电源解决方案 锂电池管理系统 (BMS)

质量管理体系
ISO9001

部分产品认证
UL
PSE
SAA
KC
CE
CCC

COMPANY INTRODUCTION 公司简介

深圳市富嘉电源科技有限公司成立于2023年，位于深圳市光明区新湖街道，地理位置优越，交通便捷，可快速抵达宝安国际机场、光明城站、深圳北站及光明站。

公司专注于电动车电源解决方案及锂电池管理系统（BMS）的研发与制造，拥有一支20余人的专业研发团队，为客户提供完善的售前技术支持与售后服务。作为一家集研发、制造、销售与服务于一体的高新技术企业，富嘉电源严格依照ISO9001质量管理体系标准，对产品开发及生产全过程进行严格控制。

部分产品已通过UL、PSE、SAA、KC、CE、CCC等国际认证，远销欧美、东南亚、日本、韩国、澳大利亚等国家和地区。我们始终坚持以客户为中心，以创新驱动发展，秉持互动共赢的战略思维，打破常规、持续创新。我们坚信，每一个成功的项目，都是卓越合作与共同创新的成果。

富源乎新 嘉立于行

FUJIAPOWER



Shenzhen Fuji Power Technology Co., Ltd. was established in 2023 and is situated in Xinhui Subdistrict, Guangming District, Shenzhen. Its prime location offers excellent transport links, enabling swift access to Bao'an International Airport, Guangmingcheng Station, Shenzhen North Station, and Guangming Station.

The company specialises in the research, development, and manufacturing of electric vehicle power solutions and lithium battery management systems (BMS). With a dedicated R&D team of over 20 professionals, we provide comprehensive pre-sales technical support and after-sales service. As a high-tech enterprise integrating R&D, manufacturing, sales, and service, Fuji Power strictly adheres to the ISO9001 quality management system standards, ensuring rigorous control throughout the entire product development and production process.

Select products have obtained international certifications including UL, PSE, SAA, KC, CE, and CCC, with exports reaching Europe, America, Southeast Asia, Japan, South Korea, Australia, and other regions. We remain steadfastly customer-centric, driving development through innovation while embracing a strategic mindset of mutual benefit. We challenge conventions and pursue continuous innovation, firmly believing that every successful project stems from exceptional collaboration and shared creativity.

Prosperity springs from innovation; excellence is built upon action.

FUJIAPOWER



QUALIFICATION CERTIFICATE

资质证书

资质证书如同客户与企业合作中的“定心丸”，它不仅是企业专业能力与合规经营的权威背书，让客户在纷繁的市场中快速锁定可靠伙伴，为客户权益筑起安全防线，有效降低合作风险。

Qualification certificates serve as a reassurance for clients in their collaborations with enterprises. They not only provide authoritative endorsement of a company's professional capabilities and compliant operations, enabling clients to swiftly identify reliable partners amidst a complex marketplace, but also establish a safeguard for client interests, effectively mitigating collaboration risks.



CORPORATE CULTURE

企业文化



企业使命 / Mission

专注电源科技，驱动可持续未来。
Focus on power technology to drive a sustainable future.

企业愿景 / Vision

成为全球领先的智慧电源品牌。
Become the world's leading smart power brand.

企业价值观 / Core Values

诚信立业、创新致远、担当为本、共赢未来
Integrity, innovation, responsibility and win-win future

品牌理念 / Brand Philosophy

富源乎新，嘉立于行。
Prosperity springs from innovation;
excellence is built upon action.

APPLICATION AREA

应用领域



PRODUCTION EQUIPMENT

生产设备

回流焊 Reflow soldering



贴片机 SMT placement machine



波峰焊 Wave soldering



ATE校准 ATE Calibration



DIP组装线 DIP Assembly Line



研发实验室 R&D Laboratory



TESTING EQUIPMENT 检测设备

依托高精度测量仪器与标准化检测流程，严格遵循国际/行业规范，对各类精密加工设备进行全尺寸、性能及可靠性检测，确保产品精度达标、运行稳定，为客户提供权威质量保障。

Relying on high-precision measuring instruments and standardized testing processes, strictly following international/industry standards, we conduct full-size, performance, and reliability testing on various precision machining equipment to ensure product accuracy meets standards and stable operation, providing customers with authoritative quality assurance.

急用户所急，想用户所想，在提高产品质量上下功夫

Anxious for what users are anxious, think about what users think, and work hard to improve product quality

BMS测试仪 BMS tester



激光镭雕仪 Laser Engraving Instrument



ATE测试仪 ATE tester



电源老化测试设备 Power Supply Aging Test Equipment



自动光学检测 AOI





CLOUD PLATFORM 云平台



cloud.fjiaenergy.com

富嘉云平台是面向换电、租电及两轮/三轮铅改锂运营商的一站式数字化管理平台，以智能云BMS、物联网、大数据为核心，实现电池与运营全流程智能化管控。该平台打通小程序、APP、云平台三端，支持电池24小时实时监控、定位防盗、远程运维与OTA升级，可全生命周期管理电池数据，并提供多级权限、库存调度等功能，适用于多种换电场景，助力运营商降本增效、提升安全与资产利用率。

Fujia Cloud Platform is a one-stop digital management solution for battery swapping, rental services, and two-wheeled/three-wheeled lead-acid-to-lithium conversion operators. Centered on intelligent cloud BMS, IoT, and big data, it enables end-to-end smart control of batteries and operations. The platform integrates mini-programs, mobile apps, and cloud services, enabling 24/7 real-time battery monitoring, anti-theft tracking, remote maintenance, and OTA upgrades. It supports full lifecycle battery data management alongside multi-level permissions and inventory scheduling. Suitable for diverse battery swapping scenarios, it empowers operators to reduce costs, enhance efficiency, improve safety, and maximize asset utilization.



掌握电池状态
Monitor battery status

支持智能调度
Support intelligent scheduling

预测电池故障
Predict battery failures



支持无线连接
Supports wireless connectivity

远程智能控制
Remote smart control

实时同步数据
Real-time data synchronization



高速传输数据
High-speed data transmission

支持智能导航
Supports smart navigation

4G+北斗双频
4G+BeiDou dual-frequency



功能特点 Features

- ◆ 低温自适应加热，无惧低温环境，充电效率与稳定性双重保障。
- ◆ 智能防打火设计，支持热插拔，操作便捷，安全可靠。
- ◆ DC端空载0V安全输出，从根源避免触电风险，防护更周全。
- ◆ 智能容性负载检测，自动识别并激活充电，无需手动干预。
- ◆ 全机身灌胶工艺，防潮、抗振性能优异，适配各类复杂恶劣工况。
- ◆ 多重安全防护体系，覆盖过压、欠压、过流、过温、短路、反接保护，全方位护航充电安全。
- ◆ 12小时定时关机，自动切断输出，有效避免过充，节能更安心。
- ◆ 多段式智能充电+精准SOC电量显示，充电进度一目了然。
- ◆ Low-temperature adaptive heating ensures uncompromised charging efficiency and stability in frigid environments.
- ◆ Intelligent spark-proof design supports hot-swapping for effortless, secure operation.
- ◆ DC-side 0V no-load safety output eliminates electric shock risks at the source for comprehensive protection.
- ◆ Smart capacitive load detection automatically identifies and activates charging without manual intervention.
- ◆ Full-body potting process delivers superior moisture resistance and vibration tolerance, suitable for diverse harsh conditions.
- ◆ Multi-layered safety protection system covers overvoltage, undervoltage, overcurrent, overtemperature, short circuit, and reverse polarity protection for comprehensive charging safety.
- ◆ 12-hour automatic shutdown cuts power output to prevent overcharging, saving energy with peace of mind.
- ◆ Multi stage intelligent charging+precise SOC power display, making the charging progress clear at a glance.



灌胶
Glue injection

01

FJC-600W/1260W

便携式充电器

Portable charger

FUJIAPOWER

便携式充电器

Portable charger

技术参数 Technical Parameter			
产品型号	Product Model	FJC-600W	FJC-1260W
输入电压	Input Voltage	AC176 ~ 264V	
输入频率	Input Frequency	50Hz	
额定电压	Rated Voltage	24V 36V 48V 60V 72V	24V 36V 48V 60V 72V
额定电流	Rated Current	15A 15A 12A 10A 8A	25A 25A 20A 18A 15A
效率	Efficiency	≥91%	≥91%
功率因数	Power Factor	≥0.5@220VAC	≥0.9@220VAC
电压精度	Voltage Accuracy	≤±0.5%	≤±0.5%
电流精度	Current Accuracy	≤±1%	≤±1%
电压纹波	Voltage Ripple	≤±2%	≤±1.5%
通信协议	Communication Protocol	RS485/CAN 可选 Optional	
冷却方式	Cooling Method	风扇冷却 Fan cooling	
重量	Weight	1kG	1.5kG
外壳材质	Housing Material	铝合金/PC Aluminum alloy/PC	
工作温度	Operating Temperature	-20℃ ~ +40℃	
适配电池组	Compatible Battery Packs	铅蓄电池、锂离子电池、钠离子电池 Lead-acid battery, Lithium-ion battery, Sodium-ion battery	
防水等级	Waterproof Rating	IP20（PCBA灌胶）IP20（PCBA potting）	
保护特性	Protection Characteristics	过压、过流、过温、反接保护、短路保护 Overvoltage, Overcurrent, Overtemperature, Reverse polarity protection, Short circuit protection	



功能特点 Features

- ◆ 低温自适应加热，无惧低温环境，充电效率与稳定性双重保障。
- ◆ 智能防打火设计，支持热插拔，操作便捷，安全可靠。
- ◆ DC端空载0V安全输出，从根源避免触电风险，防护更周全。
- ◆ 智能容性负载检测，自动识别并激活充电，无需手动干预。
- ◆ 全机身灌胶工艺，防潮、抗振性能优异，适配各类复杂恶劣工况。
- ◆ 多重安全防护体系，覆盖过压、欠压、过流、过温、短路、反接保护，全方位护航充电安全。
- ◆ 12小时定时关机，自动切断输出，有效避免过充，节能更安心。
- ◆ 多段式智能充电 + 红绿蓝三色灯电量指示。
- ◆ Low-temperature adaptive heating ensures uncompromised charging efficiency and stability in frigid environments.
- ◆ Intelligent spark-proof design supports hot-swapping for effortless, secure operation.
- ◆ DC-side 0V no-load safety output eliminates electric shock risks at the source for comprehensive protection.
- ◆ Smart capacitive load detection automatically identifies and activates charging without manual intervention.
- ◆ Full-body potting process delivers superior moisture resistance and vibration tolerance, suitable for diverse harsh conditions.
- ◆ Multi-layered safety protection system covers overvoltage, undervoltage, overcurrent, overtemperature, short circuit, and reverse polarity protection for comprehensive charging safety.
- ◆ 12-hour automatic shutdown cuts power output to prevent overcharging, saving energy with peace of mind.
- ◆ Multi stage intelligent charging+red, green, and blue indicator lights for battery level.



FJC-840W/1800W/3300W

防水充电器

waterproof charger

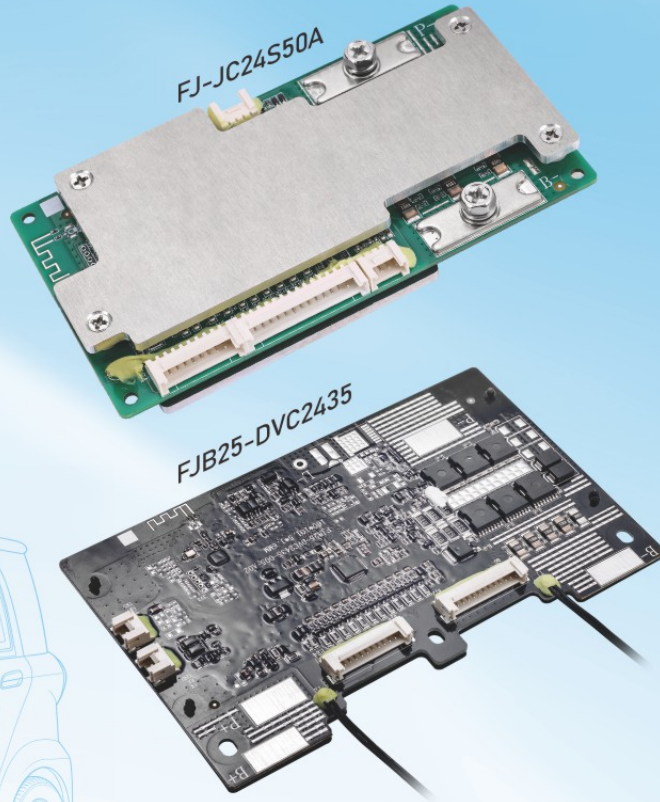
防水充电器

waterproof charger

技术参数 Technical Parameter				
产品型号	Product Model	FJC-840W	FJC-1800W	FJC-3300W
输入电压	Input Voltage	AC176 ~ 264V	AC176 ~ 264V	AC95V ~ AC265V
输入频率	Input Frequency	50Hz	50Hz	45-65Hz
额定电压	Rated Voltage	24V/36V/48V/60V/72V	24V/36V/48V/60V/72V	24V/36V/48V/60V/72V/96V/108V/144V/320V
额定电流	Rated Current	20A/20A/15A/12A/10A	30A/30A/30A/25A/20A	60A/50A/50A/45A/40A/30A/30A/22A/10A
效率	Efficiency	≥91%	≥91%	≥93%
功率因数	Power Factor	≥0.5@220VAC	≥0.9@220VAC	≥0.99@220VAC
电压精度	Voltage Accuracy	≤±0.5%	≤±0.5%	≤±1%
电流精度	Current Accuracy	≤±1%	≤±1%	≤±3%
电压纹波	Voltage Ripple	≤±2%	≤±1.5%	≤±1%
通信协议	Communication Protocol	RS485/CAN 可选 Optional		
冷却方式	Cooling Method	风扇冷却 Fan cooling		
重量	Weight	2kG	2.5kG	6kG
外壳材质	Housing Material	铝合金 Aluminum alloy		
工作温度	Operating Temperature	-20°C ~ +40°C	-20°C ~ +40°C	-25°C ~ +50°C
适配电池组	Compatible Battery Packs	铅蓄电池、锂离子电池、钠离子电池 Lead-acid battery, Lithium-ion battery, Sodium-ion battery		
防水等级	Waterproof Rating	IP65		
保护特性	Protection Characteristics	过压、过流、过温、反接保护、短路保护 Overvoltage, Overcurrent, Overtemperature, Reverse polarity protection, Short circuit protection		

功能特点 Features

- ◆ 智能防打火设计，从源头规避打火风险，筑牢安全防线
- ◆ 加热失效管控，规避加热回路失效导致电池被持续加热高温起火风险
- ◆ 超强ESD抗静电能力，无惧静电干扰，设备运行更稳定
- ◆ 有线仪表485通讯抗干扰能力强，确保数据传输高效稳定。
- ◆ 支持全场景在线OTA升级，可通过小程序、APP、云平台灵活操作，升级更便捷。
- ◆ Intelligent anti ignition design, avoiding ignition risks from the source and building a strong safety defense line.
- ◆ Heating failure control to avoid the risk of battery being continuously heated and catching fire due to heating circuit failure.
- ◆ Excellent ESD resistance, fearless of static interference, equipment operation is more stable.
- ◆ The wired instrument 485 communication has strong anti-interference ability, ensuring efficient and stable data transmission.
- ◆ Support full scenario online OTA upgrade, which can be done through mini programs APP、Flexible operation of cloud platform makes upgrading more convenient.



FJB25-DVC2435/FJ-JC24S50A

低速三四轮电动车BMS

Low speed 3/4-wheeler electric vehicle BMS

03

低速三四轮电动车BMS

Low speed 3/4-wheeler electric vehicle BMS

技术参数 Technical Parameter		
产品型号	FJB25-DVC2435	FJ-JC24S50A
电压平台范围 Voltage Platform Range	16V-87.6V	16V-87.6V
支持串数 Supported Series Count	7-24S	7-24S
均衡方式 Balancing Method	静态均衡/充电均衡 Passive balancing / Charge balancing	静态均衡/充电均衡 Passive balancing / Charge balancing
均衡电流 Balancing Current	40~60mA	40~60mA
工作电流 Operating Current	MAX:35A	MAX:60A
通讯功能 Communication Function	一线通5V/3.3V上拉电平/UART（选配）/RS485（选配） One-wire communication with 5V/3.3V pull-up level / UART (optional) / RS485 (optional)	非隔离RS485（选配） Non-isolated RS485 (optional)
加热 Heating	支持最大15A加热，加热MOS失效防护（选配） Supports heating up to 15A, with heating MOS failure protection (optional)	-
外接显示屏 External Display	支持LCD蓝牙屏电量显示（选配） Supports LCD Bluetooth screen power display (optional)	支持LCD蓝牙屏电量显示（选配） Supports LCD Bluetooth screen power display (optional)
板载蓝牙 On-board Bluetooth	标配 Standard	标配 Standard
电压采集精度 Voltage Sampling Accuracy	±10mV	±10mV
SOC精度 SOC Accuracy	三元≤5%，铁锂≤8% NCM: ≤5%, LFP: ≤8%	三元≤5%，铁锂≤8% NCM: ≤5%, LFP: ≤8%
SOC算法 SOC Algorithm	电流积分，OCV，温度补偿等 Current integration, OCV, temperature compensation, etc.	电流积分，OCV，温度补偿等 Current integration, OCV, temperature compensation, etc.
单节电芯电压设置范围 Single Cell Voltage Setting Range	1.5-4.5V	1.5-4.5V
工作温度范围 Operating Temperature Range	-20-85°（可设） -20-85°C (configurable)	-20-85°（可设） -20-85°C (configurable)
预放电功能 Pre-discharge Function	支持 Supported	支持 Supported
智能防打火功能 Intelligent Anti-spark Function	支持（选配） Supported (optional)	支持（选配） Supported (optional)
保护功能 Protection Function	短路 Short circuit protection	短路 Short circuit protection
历史记录查询 History Record Query	支持 Supported	支持 Supported
弱电开关 Low-voltage Switch	支持 Supported	-
APP/微信小程序 APP / WeChat Mini Program	支持 Supported	支持 Supported
尺寸 Dimensions	160*101*11mm	128*70*15mm

功能特点 Features

- ◆ 智能防打火设计，从源头规避打火风险，筑牢安全防线
- ◆ 加热失效管控，规避加热回路失效导致电池被持续加热高温起火风险
- ◆ 超强ESD抗静电能力，无惧静电干扰，设备运行更稳定
- ◆ 有线仪表485通讯抗干扰能力强，确保数据传输高效稳定。
- ◆ 支持全场景在线OTA升级，可通过小程序、APP、云平台灵活操作，升级更便捷。
- ◆ Intelligent anti ignition design, avoiding ignition risks from the source and building a strong safety defense line.
- ◆ Heating failure control to avoid the risk of battery being continuously heated and catching fire due to heating circuit failure.
- ◆ Excellent ESD resistance, fearless of static interference, equipment operation is more stable.
- ◆ The wired instrument 485 communication has strong anti-interference ability, ensuring efficient and stable data transmission.
- ◆ Support full scenario online OTA upgrade, which can be done through mini programs APP、Flexible operation of cloud platform makes upgrading more convenient.



04

FJ-JC24S100A/200A

低速三四轮电动车BMS

Low speed 3/4-wheeler electric vehicle BMS

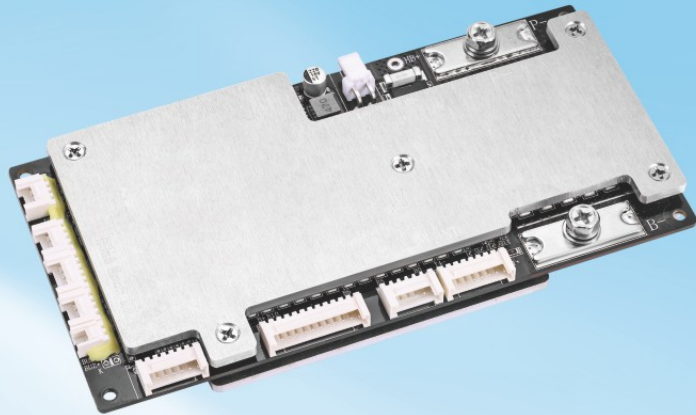
低速三四轮电动车BMS

Low speed 3/4-wheeler electric vehicle BMS

技术参数 Technical Parameter		
产品型号	FJ-JC24S100A	FJ-JC24S200A
电压平台范围 Voltage Platform Range	16V-87.6V	16V-87.6V
支持串数 Supported Series Count	7-24S	7-24S
均衡方式 Balancing Method	静态均衡 / 充电均衡 Passive balancing / Charge balancing	静态均衡 / 充电均衡 Passive balancing / Charge balancing
均衡电流 Balancing Current	40-60mA	40-60mA
工作电流 Operating Current	MAX:100A	MAX:200A
通讯功能 Communication Function	一线通 5V/3.3V 上拉电平 / UART(选配) / RS485(选配) One-wire communication with 5V/3.3V pull-up level / UART (optional) / RS485 (optional)	
加热 Heating	支持最大 15A 加热，加热 MOS 失效防护(选配) Supports heating up to 15A, with heating MOS failure protection (optional)	
外接显示屏 External Display	支持 LCD 蓝牙屏电量显示(选配) Supports LCD Bluetooth screen power display (optional)	
板载蓝牙 On-board Bluetooth	标配 Standard	
电压采集精度 Voltage Sampling Accuracy	±10mV	
SOC 精度 SOC Accuracy	三元 ≤5%，铁锂 ≤8% NCM: ≤5%, LFP: ≤8%	
SOC 算法 SOC Algorithm	电流积分，OCV，温度补偿等 Current integration, OCV, temperature compensation, etc.	
单节电芯电压设置范围 Single Cell Voltage Setting Range	1.5-4.5V	
工作温度范围 Operating Temperature Range	-20-85° (可设) -20-85°C (configurable)	
预放电功能 Pre-discharge Function	支持 Supported	
智能防打火功能 Intelligent Anti-spark Function	支持 (选配) Supported (optional)	
保护功能 Protection Functions	短路 Short circuit protection	
历史记录查询 History Record Query	支持 Supported	
弱电开关 Low-voltage Switch	支持 (选配) Supported (optional)	
APP / 微信小程序 APP / WeChat Mini Program	支持 Supported	
尺寸 Dimensions	150*80*15mm	160*90*30 mm

功能特点 Features

- ◆ 智能防打火设计，从源头规避打火风险，筑牢安全防线
- ◆ 加热失效管控，规避加热回路失效导致电池被持续加热高温起火风险
- ◆ 超强ESD抗静电能力，无惧静电干扰，设备运行更稳定
- ◆ 有线仪表485通讯抗干扰能力强，确保数据传输高效稳定。
- ◆ 支持全场景在线OTA升级，可通过小程序、APP、云平台灵活操作，升级更便捷。
- ◆ Intelligent anti ignition design, avoiding ignition risks from the source and building a strong safety defense line.
- ◆ Heating failure control to avoid the risk of battery being continuously heated and catching fire due to heating circuit failure.
- ◆ Excellent ESD resistance, fearless of static interference, equipment operation is more stable.
- ◆ The wired instrument 485 communication has strong anti-interference ability, ensuring efficient and stable data transmission.
- ◆ Support full scenario online OTA upgrade, which can be done through mini programs APP、Flexible operation of cloud platform makes upgrading more convenient.



05

FJB25-SW1680

国标电动自行车/电摩/AGV车辆类BMS

New national standard electric bicycle / electric motorcycles / AGV vehicles

国标电动自行车/电摩/AGV车辆类BMS

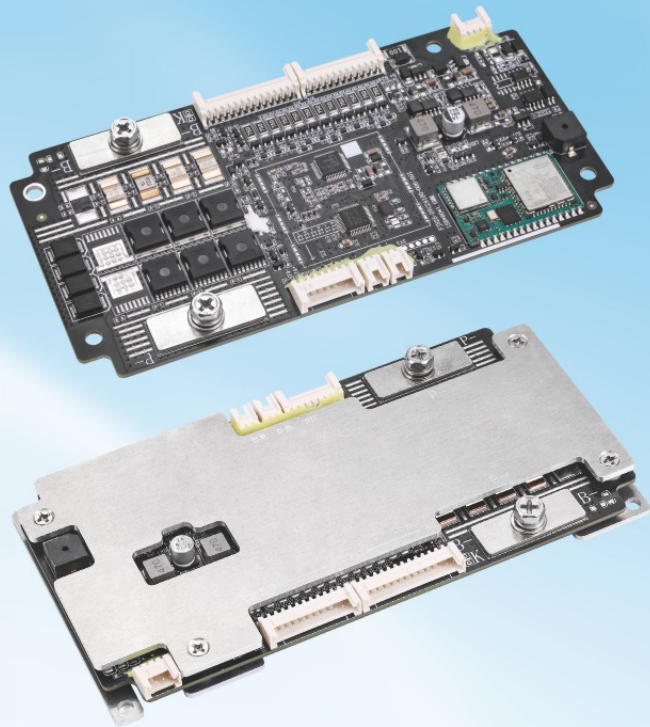
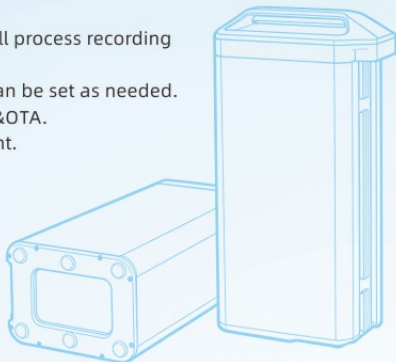
New national standard electric bicycle /electric motorcycles / AGV vehicles

技术参数 Technical Parameter		
电压平台范围 Voltage Platform Range	16V-87.6V	
支持串数 Supported Series Count	7-24S	
均衡方式 Balancing Method	静态均衡/充电均衡 Passive balancing / Charge balancing	
均衡电流 Balancing Current	50~200mA	
工作电流 Operating Current	MAX:120A	
预放电功能/弱电开关 Pre-discharge Function / Low-voltage Switch	支持放电弱电开关 Supports discharge low-voltage switch	
隔离通讯 Isolated Communication	RS485/CAN（选配） RS485/CAN (optional)	
非隔离通讯 Non-isolated Communication	CAN/UART（选配） CAN/UART (optional)	
加热 Heating	支持（选配） Supported (optional)	
外接显示屏 External Display	支持（选配） Supported (optional)	
外接报警器/蜂鸣器 External Alarm / Buzzer	支持（选配） Supported (optional)	
电池并联 Battery Parallel Connection	支持（选配） Supported (optional)	
电压采集精度 Voltage Sampling Accuracy	±10mV	
SOC精度及算法 SOC Accuracy & Algorithm	三元≤5%，铁锂≤8%/电流积分，OCV，温度补偿等 NCM: ≤5%, LFP: ≤8% / Current integration, OCV, temperature compensation, etc.	
单节电芯电压设置范围 Single Cell Voltage Setting Range	1.5-4.5V	
工作温度范围 Operating Temperature Range	-20-85°（可设） -20-85°C (configurable)	
智能防打火功能 Intelligent Anti-spark Function	支持（选配） Supported (optional)	
外接IOT/4G External IOT/4G Module	支持12V供电UART/CAN通信（选配） Supports 12V powered UART/CAN communication (optional)	
外接蓝牙模块 External Bluetooth Module	支持3.3V供电UART通信（选配） Supports 3.3V powered UART communication (optional)	
历史记录 History Record	支持 Supported	
其它功能 Other Functions	电池并机信号，电门锁检测信号 Battery parallel signal, ignition lock detection signal	
短路保护 Short Circuit Protection	支持 Supported	
尺寸 Dimensions	180*80*20 mm	



功能特点 Features

- ◆ 4G+GPS高度集成。
- ◆ APP&小程序：远程可控，历史轨迹，实时监控，定位追踪，电池租赁，设备管理。
- ◆ 云平台：云端存储，电池数据全程记录。
- ◆ 多级账号权限按需设置。
- ◆ 批量设置电池参数&OTA。
- ◆ 电池维保管理。
- ◆ High integration of 4G and GPS.
- ◆ APP&Mini Program: Remote Control, Historical Trajectory, Real time Monitoring, Location Tracking, Battery Rental, Equipment Management.
- ◆ Cloud platform: Cloud storage, full process recording of battery data.
- ◆ Multi level account permissions can be set as needed.
- ◆ Batch setting battery parameters&OTA.
- ◆ Battery maintenance management.



FJB25-DVC2480/100
共享换电类BMS
Shared Battery-swapping BMS

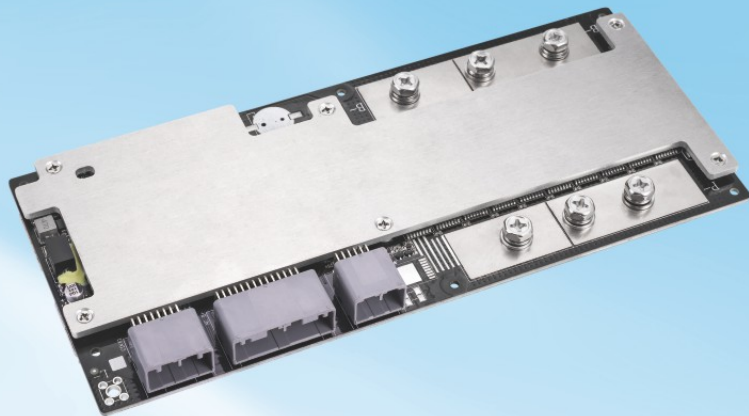
共享换电类BMS
Shared Battery-swapping BMS

技术参数 Technical Parameter		
电压平台范围 Voltage Platform Range		16V-87.6V
支持串数 Supported Series Count		7-24S
均衡方式 Balancing Method		静态均衡 / 充电均衡 Passive balancing / Charge balancing
均衡电流 Balancing Current		40~60mA
工作电流 Operating Current		MAX:120A
预放电功能 Pre-discharge Function		支持 Supported
隔离通讯 Isolated Communication		RS485/CAN（选配） RS485/CAN (optional)
加热 Heating		支持（选配） Supported (optional)
内置蜂鸣器 Built-in Buzzer		支持（选配） Supported (optional)
电压采集精度 Voltage Sampling Accuracy		±10mV
SOC精度及算法 SOC Accuracy & Algorithm		三元≤5%，铁锂≤8%/电流积分，OCV，温度补偿等 NCM: ≤5%, LFP: ≤8% / Current integration, OCV, temperature compensation, etc.
单节电芯电压设置范围 Single Cell Voltage Setting Range		1.5-4.5V
工作温度范围 Operating Temperature Range		-20-85°（可设） -20-85°C (configurable)
智能防打火功能 Intelligent Anti-spark Function		支持（选配） Supported (optional)
内置4G模块 Built-in 4G Module		支持 Supported
历史记录 History Record		支持 Supported
其它功能 Other Functions		电池并机信号，电门锁检测信号 Battery parallel signal, ignition lock detection signal
短路保护 Short Circuit Protection		支持 Supported
GPS定位远程升级 GPS Positioning & Remote Upgrade		支持 Supported
弱电开关 Low-voltage Switch		支持（选配） Supported (optional)
尺寸 Dimensions		158*80*15 mm



核心功能亮点 Core Feature Highlights

- ◆ 智能防打火设计，从源头规避打火风险，筑牢安全防线。
- ◆ 智能加热失效管控，实时监测并精准处置加热故障，保障系统可靠运行。
- ◆ 超强ESD抗静电能力，无惧静电干扰，设备运行更稳定。
- ◆ 高耐压特性卓越，接触放电达±8KV、空气放电达±15KV标准，适配复杂工况。
- ◆ 485通讯抗干扰能力强悍，确保数据传输高效、稳定、无丢失。
- ◆ 支持全场景在线OTA升级，可通过小程序、APP、云平台灵活操作，升级更便捷。
- ◆ Intelligent spark prevention design eliminates ignition risks at the source, fortifying safety defenses.
- ◆ Intelligent heating failure management monitors and resolves heating faults in real time, ensuring reliable system operation.
- ◆ Excellent ESD resistance withstands static interference for enhanced equipment stability.
- ◆ Exceptional high-voltage resistance, meeting ±8KV contact discharge and ±15KV air discharge standards for complex operating conditions.
- ◆ Robust 485 communication anti-interference capability ensures efficient, stable, and loss-free data transmission.
- ◆ Supports full-scenario online OTA upgrades via mini-programs, apps, or cloud platforms for flexible operation and enhanced convenience.



FJB25-SW24200
高尔夫球车/特种电动车辆类BMS
Golf carts/special electric vehicles BMS



高尔夫球车/特种电动车辆类BMS
Golf carts/special electric vehicles BMS

技术参数 Technical Parameter		
电压平台范围 Voltage Platform Range	28V-87.6V	
支持串数 Supported Series Count	14-24S	
均衡方式 Balancing Method	静态均衡/充电均衡 Passive balancing / Charge balancing	
均衡电流 Balancing Current	40~60mA	
工作电流 Operating Current	MAX:250A	
预放电功能 Pre-discharge Function	支持 Supported	
隔离通讯 Isolated Communication	RS485/CAN（选配） RS485/CAN (optional)	
非隔离通讯 Non-isolated Communication	UART（选配） UART (optional)	
加热 Heating	支持（选配） Supported (optional)	
外接显示屏 External Display	支持（选配） Supported (optional)	
外接报警器/蜂鸣器 External Alarm / Buzzer	支持（选配） Supported (optional)	
外接蓝牙 External Bluetooth	支持外接蓝牙模块（UART通信） Supports external Bluetooth module (UART communication)	
电池并联 Battery Parallel Connection	支持（选配） Supported (optional)	
电压采集精度 Voltage Sampling Accuracy	±10mV	
SOC精度及算法 SOC Accuracy & Algorithm	三元≤5%，铁锂≤8%/电流积分，OCV，温度补偿等 NCM: ≤5%, LFP: ≤8% / Current integration, OCV, temperature compensation, etc.	
单节电芯电压设置范围 Single Cell Voltage Setting Range	1.5-4.5V	
工作温度范围 Operating Temperature Range	-20-85°（可设） -20-85°C (configurable)	
智能防打火功能 Intelligent Anti-spark Function	支持（选配） Supported (optional)	
弱电开关 Low-voltage Switch	支持（选配） Supported (optional)	
历史记录 History Record	支持 Supported	
短路保护 Short Circuit Protection	支持 Supported	
尺寸 Dimensions	247*110*35 mm	



技术参数 Technical Parameter

工作电压 Operating Voltage	9V-90V
工作耗电 Operating Power Consumption	典型值: 6mA Typical: 6mA
非隔离通讯 Non-isolated Communication	RS485 (选配) RS485 (optional)
其他通信 Other Communication	一线通 (选配) One-wire communication (optional)
无线蓝牙透传 Wireless Bluetooth Transparent Transmission	支持 Supported
小程序/APP Mini Program / APP	支持/参数查看/更改 Supported / Parameter view & modification
按键唤醒开关 Key Wake-up Switch	支持 Supported
工作温度范围 Operating Temperature Range	-20-60°
尺寸 Dimensions	70*46*16mm

08

FJB25-LY-001

蓝牙显示屏
Bluetooth display

FUJIAPOWER

GLOBAL COOPERATION 合作伙伴

以客户为导向
以信誉求发展
以管理求效益

Customer-oriented
Seeking development through credibility
Seeking efficiency through management



优质服务是我们的承诺
High quality service is
our commitment

天能

SEB
SHENG EN DI

南派

CNAE
中国钠电

安徽汇钻

MATRIX



Tiji 踪迹科技
Tiji Technology

上海贝岭
SHANGHAI BELLING



DEVCHIP
南京集微

DONGHAI
东海半导体