

5-15mins 6C系列



- 1 高安全稳定磷酸铁锂电芯，热失控不起火
- 2 预装式电池系统，模块化标准设计，现场快速部署，易运维
- 3 循环长寿命，4000次 @0.5C/0.5C@80%DOD@25°C
- 4 支持 HVDC，UPS 系统，兼容UPS系统 N 线
- 5 触摸 LCD 各类参数、记录、状态直观显示
- 6 支持多组并机，多簇并联使用时支持不断电维护
- 7 三级 BMS 管理，层层保障，出现异常自动隔离，系统正常供电
- 8 能量密度高，相对铅酸节省 70% 占地面积
- 9 可选配非电自启动柜级消防系统，精准快速灭火
- 10 自然散热设计，节省能源

产品参数

产品型号	CF48050U	CF51250U	CF24050U
电芯材料	磷酸铁锂	磷酸铁锂	磷酸铁锂
标称电压	480Vdc	512Vdc	240Vdc
额定充电电压	525Vdc	560Vdc	262.5Vdc
标称容量	50Ah/24kWh	50Ah/25.6kWh	50Ah/12kWh
自放电率	≤3% (0-30°C/3个月)	≤3% (0-30°C/3个月)	≤3% (0-30°C/3个月)
标准放电电流	50A连续放电 (1C)	50A连续放电 (1C)	50A连续放电 (1C)
最大放电电流	300A连续放电 (6C)	300A连续放电 (6C)	300A连续放电 (6C)
标准充电电流	25A (0.5C)	25A (0.5C)	25A (0.5C)
最大充电电流	50A (1C)	50A (1C)	50A (1C)
电芯			
标称容量	50Ah	50Ah	50Ah
标称电压	3.2Vdc	3.2Vdc	3.2Vdc
工作电压范围	2.5~3.6Vdc	2.5~3.6Vdc	2.5~3.6Vdc
重量	1.455Kg	1.455Kg	1.455Kg
电池模块			
配置	1P15S	1P16S	1P15S
标称容量	50Ah	50Ah	50Ah
标称电压	48Vdc	48Vdc	48Vdc
工作电压范围	42~52.5Vdc	42~52.5Vdc	42~52.5Vdc
重量	31Kg	31Kg	31Kg
电池簇			
配置	1P150S	1P160S	1P75S
标称容量	50Ah	50Ah	50Ah
标称电压	480Vdc	512Vdc	240Vdc
工作电压范围	420~525Vdc	448~560Vdc	210~262.5Vdc
重量	430Kg	450Kg	210Kg



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5-15 mins 6C series



- 1 Higher safety and stability lithium iron phosphate battery, no fire caused by thermal runaway
- 2 Pre installed battery system, modular standard design, rapid deployment on site, easy operation and maintenance
- 3 Longcycle life, 4000 times @0.5C/0.5C@80%DOD@25°C
- 4 SupportingHVDC, UPS system, and compatible with UPS system N line
- 5 Touch LCD to display various parameters, records and status visually
- 6 Support multiple groups in parallel, and support uninterrupted power maintenance when multiple clusters are used in parallel
- 7 Three-level BMS management, multi-level protection, automatic isolation in the event of anomalies, to ensure normal power supply to the system
- 8 High energy density, saving 70%compared to lead-acid battery
- 9 Optional non-electric self-starting cabinet-level fire protection system, accurate and rapid fire extinguishing
- 10 Natural heat dissipation design, saving energy

Product parameters

Product model	CF48050U	CF51250U	CF24050U
Cell material	LFP	LFP	LFP
Nominal voltage	480Vdc	512Vdc	240Vdc
Standard charge current	525Vdc	560Vdc	262.5Vdc
Standard capacity	50Ah/24kWh	50Ah/25.6kWh	50Ah/12kWh
Self-discharge rate	≤3% (0~30°C/3months)	≤3% (0~30°C/3 months)	≤3% (0~30°C/3 months)
Standard discharge current	50Acontinuous discharge (1C)	50Acontinuous discharge (1C)	50Acontinuous discharge (1C)
Max discharge current	300Acontinuous discharge (6C)	300Acontinuous discharge (6C)	300Acontinuous discharge (6C)
Standard charge current	25A (0.5C)	25A (0.5C)	25A (0.5C)
Max charge current	50A (1C)	50A (1C)	50A (1C)
Cell			
Nominal capacity	50Ah	50Ah	50Ah
Nominal voltage	3.2Vdc	3.2Vdc	3.2Vdc
Operating voltage range	2.5~3.6Vdc	2.5~3.6Vdc	2.5~3.6Vdc
Weight	1.455Kg	1.455Kg	1.455Kg
Battery module			
Configuration	1P15S	1P16S	1P15S
Nominal capacity	50Ah	50Ah	50Ah
Nominal voltage	48Vdc	48Vdc	48Vdc
Operating voltage range	42~52.5Vdc	42~52.5Vdc	42~52.5Vdc
Weight	31Kg	31Kg	31Kg
Cluster			
Configuration	1P150S	1P160S	1P75S
Nominal capacity	50Ah	50Ah	50Ah
Nominal voltage	480Vdc	512Vdc	240Vdc
Operating voltage range	420~525Vdc	448~560Vdc	210~262.5Vdc
Weight	430Kg	450Kg	210Kg



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