

## 30-60 mins 1C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	CF192100U	CF240100U	CF360100U
电芯材料	磷酸铁锂	磷酸铁锂	磷酸铁锂
标称电压	192Vdc	240Vdc	358.4Vdc
额定充电电压	210Vdc	262.5Vdc	392Vdc
标称容量	100Ah/19.2kWh	100Ah/24kWh	100Ah/35.84kWh
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 (0.5C)	50A连续放电 (0.5C)	50A连续放电 (0.5C)
最大放电电流	100A连续放电 (1C)	100A连续放电 (1C)	100A连续放电 (1C)
标准充电电流	25A (0.25C)	25A (0.25C)	25A (0.25C)
最大充电电流	50A (0.5C)	50A (0.5C)	50A (0.5C)
<b>电芯</b>			
标称容量	100Ah	100Ah	100Ah
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	2.35Kg	2.35Kg	2.35Kg
<b>电池模块</b>			
配置	1P15S	1P15S	1P15S
标称容量	100Ah	100Ah	100Ah
标称电压	48Vdc	48Vdc	48Vdc
工作电压范围	42-52.5Vdc	42-52.5Vdc	42-52.5Vdc
重量	50Kg	50Kg	50Kg
<b>电池簇</b>			
配置	1P60S	1P75S	1P112S
标称容量	100Ah	100Ah	100Ah
标称电压	192Vdc	240Vdc	358.4Vdc
工作电压范围	168-210Vdc	210-262.5Vdc	313.6-392Vdc
重量	310Kg	360Kg	490Kg



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## 30-60 mins 1C 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 Long cycle life, 4000 times @0.5C/0.5C@80%DOD@25°C
- 4 Supporting HVDC, 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	CF192100U	CF240100U	CF360100U
Cell material	LFP	LFP	LFP
Nominal voltage	192Vdc	240Vdc	358.4Vdc
Standard charge current	210Vdc	262.5Vdc	392Vdc
Standard capacity	100Ah/19.2kWh	100Ah/24kWh	100Ah/35.84kWh
Self-discharge rate	≤3% (0-30°C/3 months)	≤3% (0-30°C/3 months)	≤3% (0-30°C/3 months)
Standard discharge current	50A continuous discharge (0.5C)	50A continuous discharge (0.5C)	50A continuous discharge (0.5C)
Max discharge current	100A continuous discharge (1C)	100A continuous discharge (1C)	100A continuous discharge (1C)
Standard charge current	25A (0.25C)	25A (0.25C)	25A (0.25C)
Max charge current	50A (0.5C)	50A (0.5C)	50A (0.5C)
<b>Cell</b>			
Nominal capacity	100Ah	100Ah	100Ah
Nominal voltage	3.2Vdc	3.2Vdc	3.2Vdc
Operating voltage range	2.5-3.6Vdc	2.5-3.6Vdc	2.5-3.6Vdc
Weight	2.35Kg	2.35Kg	2.35Kg
<b>Battery module</b>			
Configuration	1P15S	1P15S	1P15S
Nominal capacity	100Ah	100Ah	100Ah
Nominal voltage	48Vdc	48Vdc	48Vdc
Operating voltage range	42-52.5Vdc	42-52.5Vdc	42-52.5Vdc
Weight	50Kg	50Kg	50Kg
<b>Cluster</b>			
Configuration	1P60S	1P75S	1P112S
Nominal capacity	100Ah	100Ah	100Ah
Nominal voltage	192Vdc	240Vdc	358.4Vdc
Operating voltage range	168-210Vdc	210-262.5Vdc	313.6-392Vdc
Weight	310Kg	360Kg	490Kg



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