

## 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 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	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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