

30-60 mins 2C 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	CF384100U	CF480100U
Cell material	LFP	LFP
Nominal voltage	384Vdc	480Vdc
Standard charge current	420Vdc	525Vdc
Standard capacity	100Ah/38.4kWh	100Ah/48kWh
Self-discharge rate	≤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)
Max discharge current	200A continuous discharge (2C)	200A continuous discharge (2C)
Standard charge current	25A (0.25C)	25A (0.5C)
Max charge current	50A (0.5C)	50A (1C)
Cell		
Nominal capacity	100Ah	100Ah
Nominal voltage	3.2Vdc	3.2Vdc
Operating voltage range	2.5-3.6Vdc	2.5~3.6Vdc
Weight	2.35Kg	2.35Kg
Battery module		
Configuration	1P15S	1P15S
Nominal capacity	100Ah	100Ah
Nominal voltage	48Vdc	48Vdc
Operating voltage range	42~52.5Vdc	42~52.5Vdc
Weight	50Kg	50Kg
Cluster		
Configuration	1P120S	1P150S
Nominal capacity	100Ah	100Ah
Nominal voltage	384Vdc	480Vdc
Operating voltage range	336~420Vdc	420~525Vdc
Weight	510Kg	610Kg



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