

# DATA CENTER ENERGY STORAGE SERIES **COSPOWERS**

## 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	CF19250U	CF38450U
Cell material	LFP	LFP
Nominal voltage	192Vdc	384Vdc
Standard charge current	210Vdc	420Vdc
Standard capacity	50Ah/9.6kWh	50Ah/19.2kWh
Self-discharge rate	≤3% (0~30°C/3 months)	≤3% (0~30°C/3 months)
Standard discharge current	25A continuous discharge (0.5C)	25A continuous discharge (0.5C)
Max discharge current	50A continuous discharge (1C)	50A continuous discharge (1C)
Standard charge current	12.5A (0.25C)	12.5A (0.25C)
Max charge current	25A (0.5C)	25A (0.25C)
<b>Cell</b>		
Nominal capacity	50Ah	50Ah
Nominal voltage	3.2Vdc	3.2Vdc
Operating voltage range	2.5-3.6Vdc	2.5-3.6Vdc
Weight	1.22Kg	1.22Kg
<b>Battery module</b>		
Configuration	1P15S	1P15S
Nominal capacity	50Ah	50Ah
Nominal voltage	48Vdc	48Vdc
Operating voltage range	42~52.5Vdc	42~52.5Vdc
Weight	26Kg	26Kg
<b>Cluster</b>		
Configuration	1P60S	1P120S
Nominal capacity	50Ah	50Ah
Nominal voltage	192Vdc	384Vdc
Operating voltage range	168~210Vdc	336~420Vdc
Weight	170Kg	320Kg



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