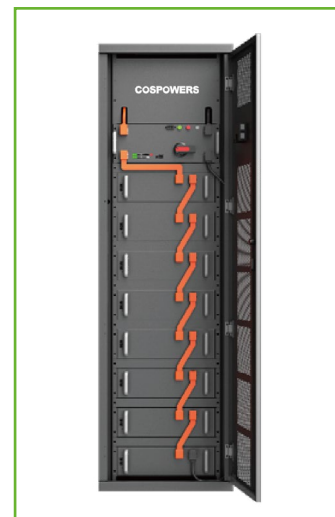


DATA CENTER ENERGY STORAGE

30 – 60 MIN 1 C SERIES



- Higher safety and stability lithium iron phosphate battery, no fire caused by thermal runaway.
- Pre installed battery system, modular standard design, rapid deployment on site, easy operation and maintenance.
- Long cycle life, 4000 times @ 0.5 C / 0.5 C @ 80 % DOD @ 25 °C.
- Supporting HVDC, UPS system, and compatible with UPS system N line.
- Touch LCD to display various parameters, record and status visually.
- Supports multiple groups in parallel, and supports uninterrupted power maintenance when multiple clusters are used in parallel.
- Three level BMS management, multi-level protection, automatic isolation in the event of anomalies to ensure normal power supply to the system.
- High energy density, saving 70 % compared to lead-acid battery.
- Optional non-electric self-starting cabinet-level fire protection system. Accurate and rapid fire extinguishing.
- Natural heat dissipation design, saving energy.



Parameters/model		CF 192100 U	CF 240100 U	CF 360100 U
General parameters	Cell material	LFP	LFP	LFP
	Nominal voltage	192 Vdc	240 Vdc	358.4 Vdc
	Standard charge current	210 Vdc	265.5 Vdc	392 Vdc
	Standard capacity	100 Ah / 19.2 kWh	100 Ah / 24 kWh	100 Ah / 35.84 kWh
	Self-discharge rate	≤ 3 % (0 ~ 30 °C / 3 months)	≤ 3 % (0 ~ 30 °C / 3 months)	≤ 3 % (0 ~ 30 °C / 3 months)
	Standard discharge current	50 A continuous discharge (0.5 C)	50 A continuous discharge (0.5 C)	50 A continuous discharge (0.5 C)
	Maximum discharge current	100 A continuous discharge (1 C)	100 A continuous discharge (1 C)	100 A continuous discharge (1 C)
	Standard charge current	25 A (0.25 C)	25 A (0.25 C)	25 A (0.25 C)
	Maximum charge current	25 A (0.5 C)	25 A (0.5 C)	25 A (0.5 C)
Cell	Nominal capacity	100 Ah	100 Ah	100 Ah
	Nominal voltage	3.2 Vdc	3.2 Vdc	3.2 Vdc
	Operating voltage range	2.5 ~ 3.6 Vdc	2.5 ~ 3.6 Vdc	2.5 ~ 3.6 Vdc
	Weight	2.35 kg	2.35 kg	2.35 kg
Battery module	Configuration	1P15S	1P15S	1P15S
	Nominal capacity	100 Ah	100 Ah	100 Ah
	Nominal voltage	48 Vdc	48 Vdc	48 Vdc
	Operating voltage range	42 ~ 52.5 Vdc	42 ~ 52.5 Vdc	42 ~ 52.5 Vdc
	Weight	50 kg	50 kg	50 kg
Cluster	Configuration	1P60S	1P75S	1P112S
	Nominal capacity	100 Ah	100 Ah	100 Ah
	Nominal voltage	192 Vdc	240 Vdc	358.4 Vdc
	Operating voltage range	168 ~ 210 Vdc	210 ~ 262.5 Vdc	313.6 ~ 392 Vdc
	Weight	310 kg	360 kg	490 kg