COSPOWERS

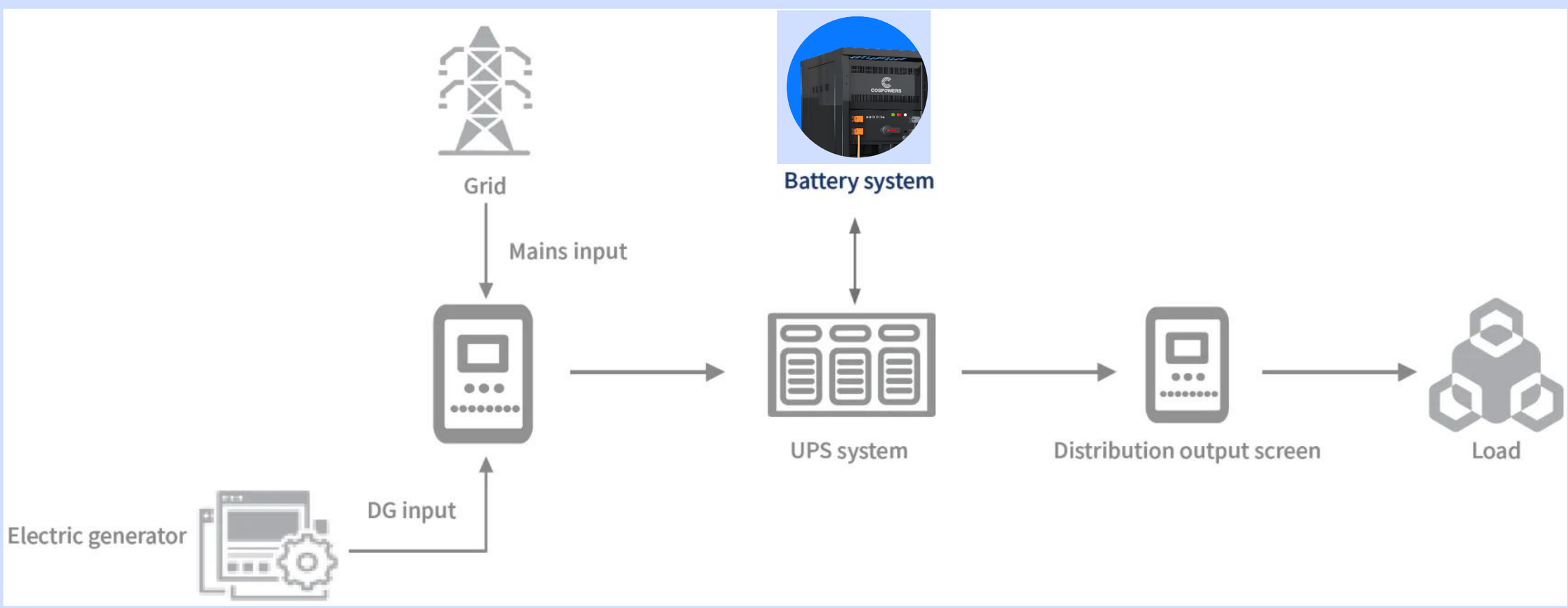
CP NODE 2C

Battery Storage for Data Centers

Data Centers

Protect your data integrity and operational continuity with robust energy storage systems designed to provide reliable backup power and optimize energy usage.

SYSTEM INFRASTRUCTURE



	MODEL	
	CF384100U	CF480100U
BASIC PARAMETERS		
Cell material	LFP	LFP
Nominal voltage	384Vdc	480Vdc
Rated charge voltage	420Vdc	525Vdc
Standard capacity	100Ah/38.4kWh	100Ah/48kWh
Self-discharge rate	≤3%(0~30°C/3months)	≤3%(0~30°C/3months)
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

GOT QUESTIONS?
GET IN TOUCH WITH US

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