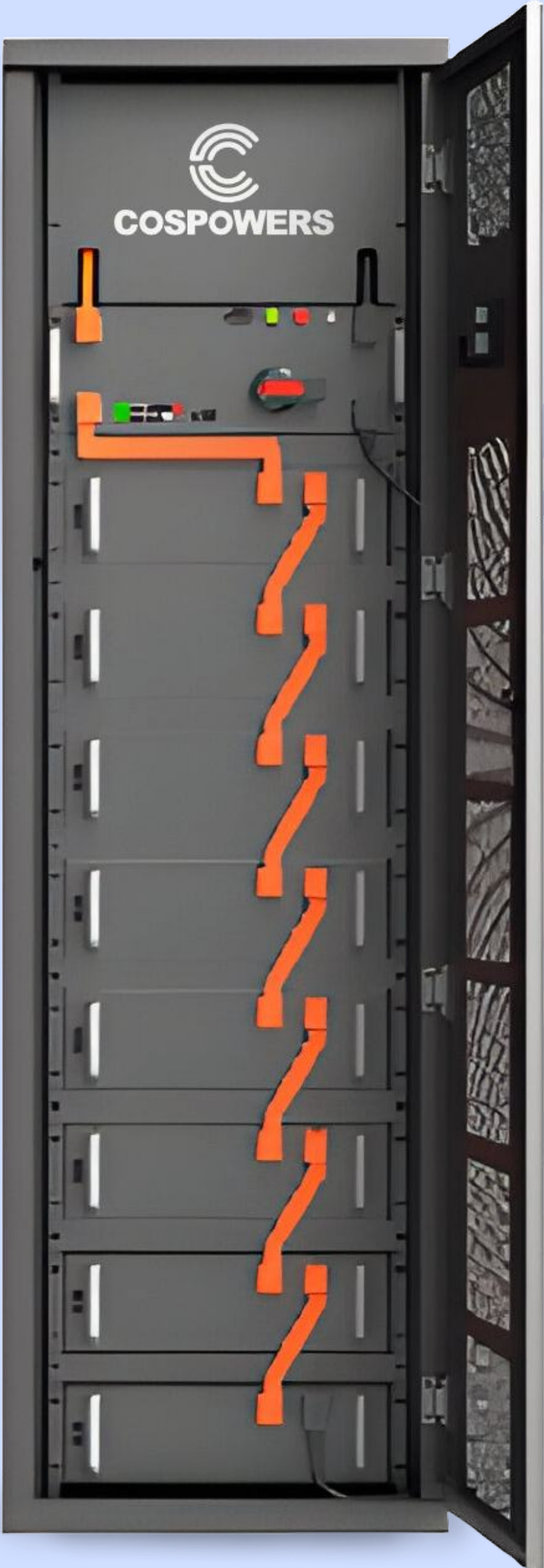


CP NODE 1C

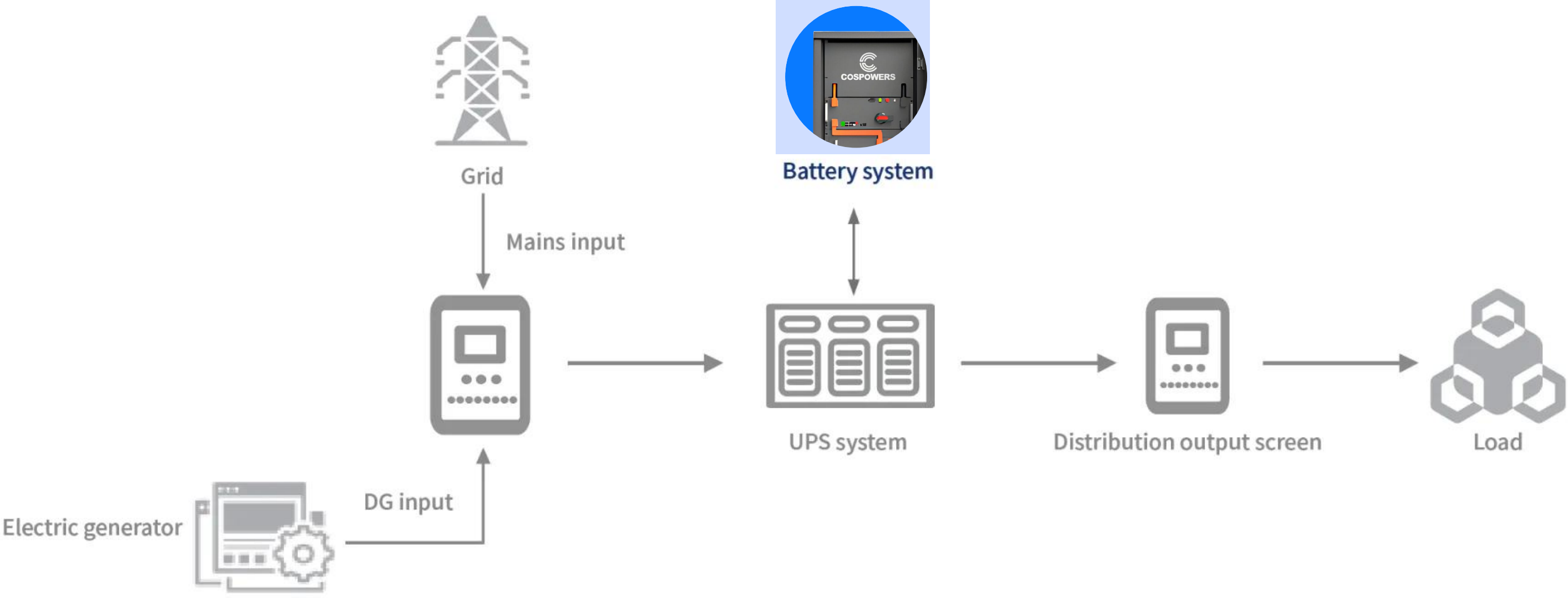
Battery Storage for
Data Centers

 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



	M O D E L				
	CF192100U	CF240100U	CF360100U	CF19250U	CF38450U
BASIC PARAMETERS					
Cell material	LFP	LFP	LFP	LFP	LFP
Nominal voltage	192Vdc	240Vdc	358.4Vdc	192Vdc	384Vdc
Rated charge voltage	210Vdc	262.5Vdc	392Vdc	210Vdc	420Vdc
Standard capacity	100Ah/19.2kWh	100Ah/24kWh	100Ah/35.84kWh	50Ah/9.6kWh	50Ah/19.2kWh
Self-discharge rate	≤3% (0~30°C/3months)	≤3% (0~30°C/3months)	≤3% (0~30°C/3months)	≤3% (0~30°C/3months)	≤3% (0~30°C/3months)
Standard discharge current	50A continuous discharge(0.5C)	50A continuous discharge(0.5C)	50A continuous discharge(0.5C)	25A continuous discharge(0.5C)	25A continuous discharge(0.5C)
Max discharge current	100A continuous dischare(1C)	100A continuous dischare(1C)	100A continuous dischare(1C)	50A continuous discharg(1C)	50A continuous discharg(1C)
Standard charge current	25A(0.25C)	25A(0.25C)	25A(0.25C)	12.5A(0.25C)	12.5A(0.25C)
Max charge current	50A(0.5C)	50A(0.5C)	50A(0.5C)	25A(0.5C)	25A(0.25C)
CELL					
Nominal capacity	100Ah	100Ah	100Ah	50Ah	50Ah
Nominal voltage	3.2Vdc	3.2Vdc	3.2Vdc	3.2Vdc	3.2Vdc
Operating voltage range	2.5-3.6Vdc	2.5-3.6Vdc	2.5-3.6Vdc	2.5-3.6Vdc	2.5-3.6Vdc
Weight	2.35Kg	2.35Kg	2.35Kg	1.22Kg	1.22Kg
BATTERY MODULE					
Configuration	1P15S	1P15S	1P15S	1P15S	1P15S
Nominal capacity	100Ah	100Ah	100Ah	50Ah	50Ah
Nominal voltage	48Vdc	48Vdc	44.8Vdc	48Vdc	48Vdc
Operating voltage range	42~52.5Vdc	42~52.5Vdc	42~52.5Vdc	42~52.5Vdc	42~52.5Vdc
Weight	50Kg	50Kg	50Kg	26Kg	26Kg
CLUSTER					
Configuration	1P60S	1P75S	1P112S	1P60S	1P120S
Nominal capacity	100Ah	100Ah	100Ah	50Ah	50Ah
Nominal voltage	192Vdc	240Vdc	358.4Vdc	192Vdc	384Vdc
Operating voltage range	168~210Vdc	210~262.5Vdc	313.6~392Vdc	168~210Vdc	336~420Vdc
Weight	310Kg	360Kg	490Kg	170Kg	320Kg

GOT QUESTIONS?
GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe
Dan-Tech Energy GmbH