

CP NODE 6C

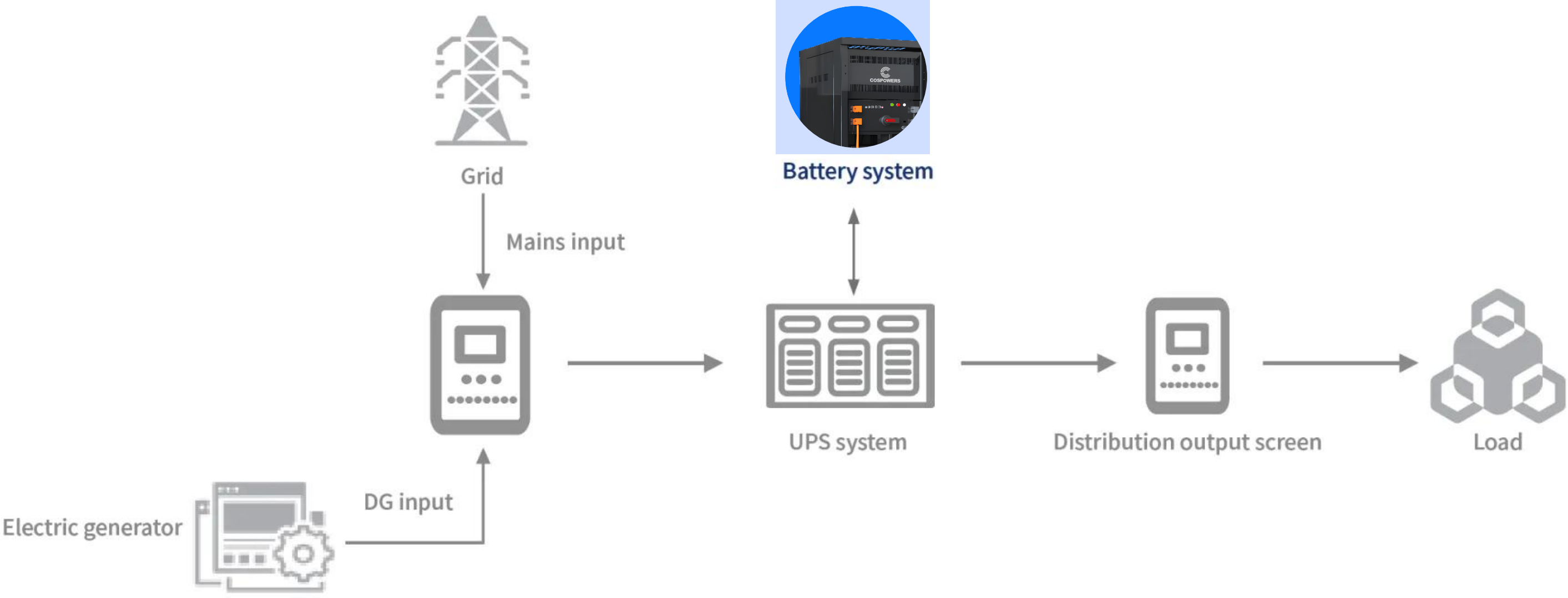
Battery Storage for
Data Centers

 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

CF48050U

CF51250U

CF24050U

BASIC PARAMETERS

Cell material	LFP	LFP	LFP
Nominal voltage	480Vdc	512Vdc	480Vdc
Rated charge voltage	525Vdc	560Vdc	525Vdc
Standard capacity	50Ah/24kWh	50Ah/25.6kWh	100Ah/48kWh
Self-discharge rate	≤3%(0~30°C/months)	≤3%(0~30°C/months)	≤3%(0~30°C/3months)
Standard discharge current	50A continuous discharge(1C)	50A continuous discharge(1C)	50A continuous discharge(1C)
Max discharge current	300A continuous discharge (6C)	300A continuous discharge (6C)	300A continuous discharge (6C)
Standard charge current	25A(0.5C)	25A(0.5C)	25A(0.25C)
Max charge current	50A(1C)	50A(1C)	50A(1C)

CELL

Nominal capacity	50Ah	50Ah	50Ah
Nominal voltage	3.2Vdc	3.2Vdc	3.2Vdc
Operating voltage range	2.5~3.6Vdc	2.5~3.6Vdc	2.5-3.6Vdc
Weight	1.455Kg	1.455Kg	1.455Kg

BATTERY MODULE

Configuration	1P15S	1P16S	1P15S
Nominal capacity	50Ah	50Ah	50Ah
Nominal voltage	48Vdc	51.2Vdc	48Vdc
Operating voltage range	42~52.5Vdc	44.8~56Vdc	42~52.5Vdc
Weight	31Kg	31Kg	31Kg

CLUSTER

Configuration	1P150S	1P160S	1P75S
Nominal capacity	50Ah	50Ah	50Ah
Nominal voltage	480Vdc	512Vdc	240Vdc
Operating voltage range	420~525Vdc	448~560Vdc	210~262.5Vdc
Weight	430Kg	450Kg	210Kg

GOT QUESTIONS?
GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe
Dan-Tech Energy GmbH