



CP SPECTRUM 1U

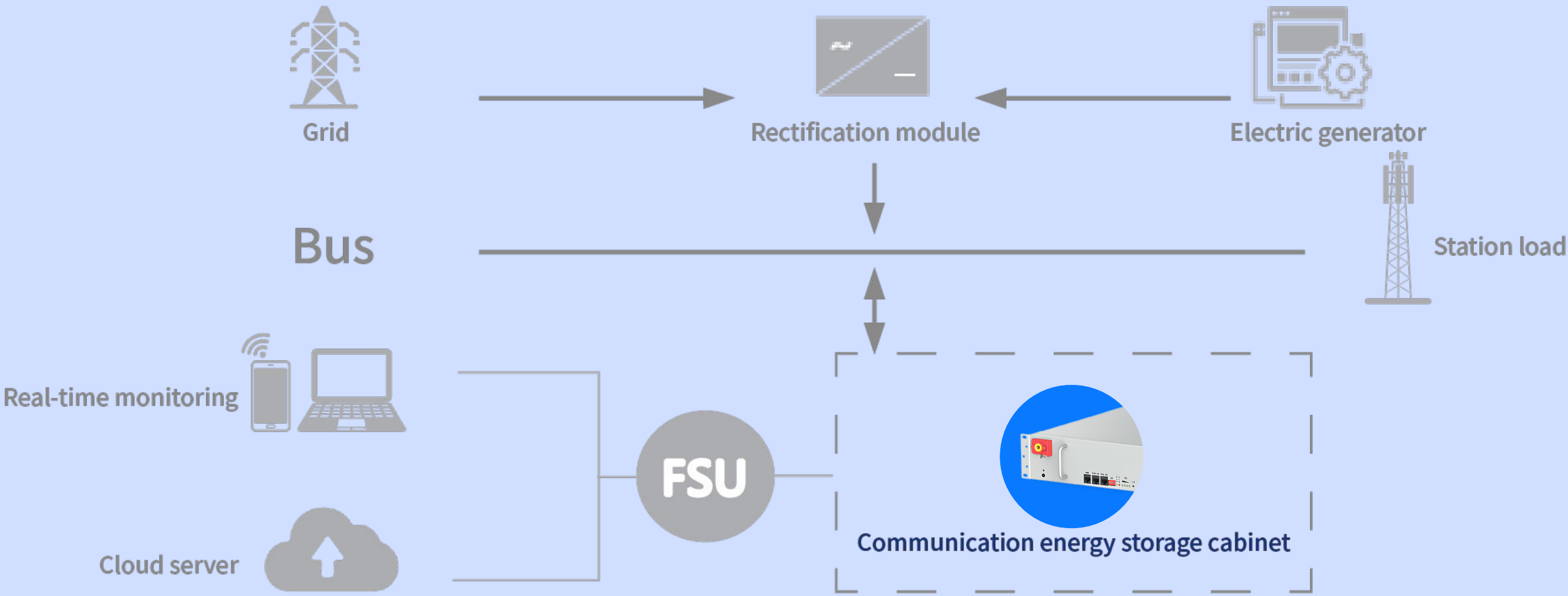
Li Battery Storage for Telecom

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Telecommunications

Maintain seamless communication services with reliable energy storage that safeguards against power interruptions, ensuring uninterrupted connectivity for critical infrastructure.

SYSTEM INFRASTRUCTURE



MODEL

EMBEDDED SERIES-1U
CF4820T

EMBEDDED SERIES-1U
CF4840T

BASIC PARAMETERS

Connection Method	1P15S / 1P16S	1P15S / 1P16S
Rated Energy	960Wh / 1024Wh	1920Wh / 2048Wh
Rated Capacity	20Ah	40Ah
Rated Voltage	48V / 51.2V	48V / 51.2V
Voltage Range	42~52.5V / 43.2~56.8V	42~52.5V / 43.2~56.8V
Charging Current	10A	20A
Discharge Current	20A	40A
Operating Temperature	charge:0~50°C; discharge:-20~55°C;Storage:-30~45°C	charge:-10-50 °C; discharge:-30~70°C;Storage:-30~45°C
Self-discharging Rate	≤3%(0~30°C/3 months)	≤3%(0~30°C/3months)
Size	440*400*44mm	440*320*88mm
Weight	11.7Kg / 12Kg	18Kg / 19Kg

EXTRA DETAILS

Communication interface	RS485/RS232/CAN
Charging current Limit function	With the function of automatically entering the current-limiting charging mode when detecting low voltage, high voltage, low temperature, high temperature, poor consistency, or charging over-current protection in the battery cells.
Voltage acquisition accuracy	0~5V,Detection accuracy≤10mV;0~60V Detection accuracy≤0.5%
Current acquisition accuracy	Detection accuracy≤1%(0.5C charging/discharging)
Anti-theft function	Software anti-theft, communication anti-theft, gyroscope anti-theft, and other functions are optional.

GOT QUESTIONS?
GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe
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