



# CP SPECTRUM G

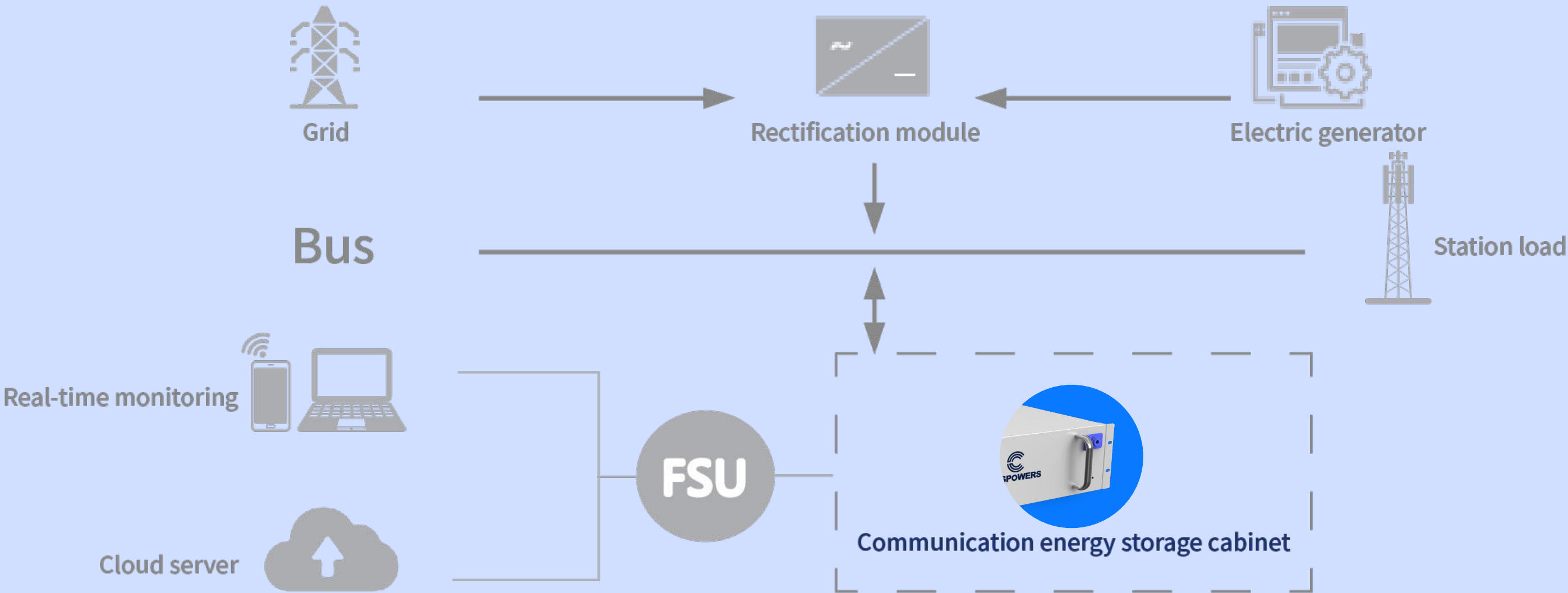
Li Battery Storage for Telecom

(☉)

Telecommunications

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

SYSTEM INFRASTRUCTURE



MODEL

GYFP4850T

BASIC PARAMETERS

Anode Material	LFP
Cell Model	FP31136170A
Cell Combination	1P15S(15 cells)
Cell Nominal Voltage	3.2V
Rated Capacity	≥50Ah
Battery Energy Density	≥80Wh/kg
Size	440mm×390mm×130mm(±2mm)
Weight	23kg±1kg
Nominal working voltage	48V
Nominal Discharge Energy	2400W
Operating Voltage Range	43.2V-54V
Standard Charge Current	0.5C
Charge Voltage	54V
Max CH/DCH current	50A/50A(Charging current limit was 10±1A)
Other Functions	Limiter, Data logger, Cell balancing
Lifespan	Over 10 Years (at normal working condition)
Operation Environment	Temperature:0-60°C Humidity:5+95% Discharge:-20-60°C Storage:0-40°C
Communication protocol	Modbus RTU-RS485
Protection Class	IP20
Reset button	Included
SOC indicator	LED
Round Trip Efficiency	≥95%(0.2C CH/DCH current)
Charging mode	CC/CV
Self-discharge rate@25°C	< 3%(30 days Storage)
Warning via Dry contact	Under Voltage (pack/cell), Over Dch/Ch current Over Temperature, Pack Shutdown Short circuit, Reverse polarity


GOT QUESTIONS?

GET IN TOUCH WITH US

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