



CP RELAY

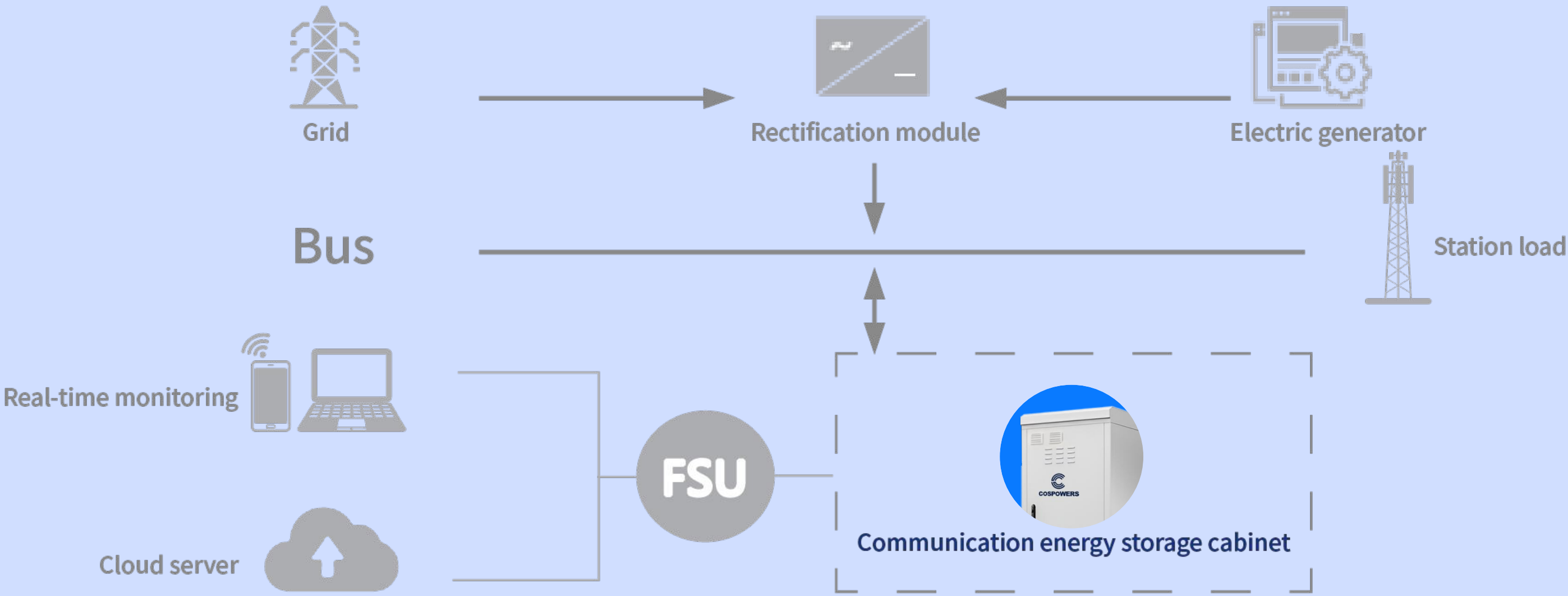
Power Supply System
Cabinet

(☺)

Telecommunications

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

SYSTEM INFRASTRUCTURE



CP Relay	
SOLAR ENERGY INPUT	
Maximum DC power	15000W
Optimum operating voltage	120Vdc
Maximum Input Current	200A
MPPT voltage range	60~150Vdc
MPPT Number of traced paths	5
AC INPUT	
Rated input voltage	220Vac
Input Voltage Range	85~300Vac
Input Frequency	50/60Hz
Max input current limit	≤55A(Single phase)
Power factor	>99%
BATTERY CONFIGURATION	
Battery voltage range	43.2~56Vdc
Rated battery voltage	51.2Vdc
Battery charge/discharge power	5120W(charge)/10240W(discharge)
Max charge/discharge current	100A(charge)/200A(discharge)
Communication method	RS485
DC OUTPUT (3 CHANNELS)	
Output DC voltage range	42~58Vdc
Output DC voltage	54.0Vdc
Output DC current	0~200A
Output efficiency	≥96%Pure electric mode, ≥95%Pure solar mode
INVERTER AC OUTPUT (1 CHANNEL)	
Output AC voltage	220Vac±2%
Output frequency	50/60Hz±1
Max output power	4500W
APPLICATION ENVIRONMENT	
Operating temperature	-10~+50℃
Operating altitude	<2000m
Storage temperature	-20~+60℃
Relative humidity	5%~90%RH
Noise	<30dB
SYSTEM PARAMETERS	
Size	750*750*1671.5mm
IP Class	IP43
Cooling Method	Temperature controlled heat dissipation
Installation method	Install on ground
Communication method	WIFI, RS458

GOT QUESTIONS?

GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe

Dan-Tech Energy GmbH