

## Air Cooling Outdoor Cabinet ESS

### Highly Reliable

- Multi-level BMS architecture with an excellent protective mechanism
- Subsystems are well-suited to a wide range of application scenarios
- Features good environmental adaptability with IP55 protection class and built-in HVAC system
- Real-time data monitoring and comprehensive data life cycle recording

### Highly Integrated

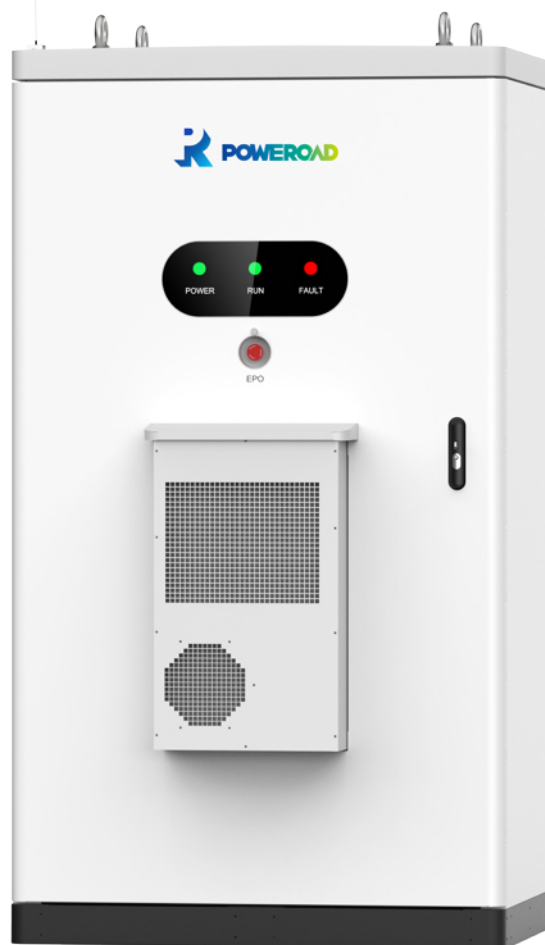
- High power density in a tiny package
- Integrated transportation and simplified on-site construction
- Built-in local controller for easier management
- Built-in fire protection system with safe and secure

### Highly Intelligent

- SOC self-correction algorithm
- Efficient two-way passive equalization
- A monitoring platform is available for data visualization / big data analytics / reporting statistics
- Remote upgrading and numerous connection channels are supported

### Highly Flexibility

- Complete module design and configuration as needed
- Support forklift handling and crane operation
- On-demand configuration and flexible expansion



Residential



Small Commercial



Farm



Charging Station



Island

# Specification

Items/Configuration		FLEX 215
DC Parameters	Rated Voltage	768 V
	Voltage Range	648 V ~ 864 V
	Rated Energy	215 kWh
	Charge/Discharge Rate	0.5 P
	Degree of Protection	IP 55
Other Parameters	Operation Temperature	-20 ~ 45 °C
	Storage Temperature	-30 ~ 60 °C
	Altitude	≤ 2000 m
	Relative Humidity	≤ 95% (No condensing)
	Cooling Method	Air cooling
	Fire Suppression System	Aerosol
	Communication	MODBUS
	Dimensions (W x D x H)	1200 x 1000 x 2215 mm
	Weight	2.1 t
	Certifications	CE-EMC, CE-LVD, IEC 62619, IEC 62933-5-2, IEC 63056, UN38.3
PCS & Control Cabinet Configuration Suggestion		
Control Cabinet Dimensions(W×D×H)		1900 × 1125 × 2300 mm
PCS Power		62.5/125/187.5/250/312.5/375/437.5/500

\*The height excludes lifting rings.



## Poweroad Renewable Energy Co., Ltd.

📍 18th Floor, F5 Building, Xiamen Software Park III, Jimei District, Xiamen, Fujian, China 361023

☎ +86 592 5558101

✉ sales@poweroad-ess.com

🌐 www.poweroad.com