



# FLEX 126

## All-in-one Battery Storage System

### Highly Reliable

- 2-level BMS architecture, with an excellent protective mechanism
- Subsystems are well-suited to a wide range of application scenarios
- IP55 protection design, built-in HVAC, good environmental adaptability
- 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 EMS system (optional), flexible configuration of application strategies
- 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, and 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 126
AC Parameters	Rated Power	50kW / 100kW
	Max. Power	55kW / 115kW
	Rated Current	72A / 144A
	THDi	<3%
	Rated Voltage	400V
	Voltage Range	±10%
	Rated Frequency	50Hz/60Hz
	Isolation	Transformerless
	Wire Type	3P+N+PE
DC Parameters	Battery Cell	LFP, 3.2V/150Ah
	Nominal Energy	126kWh
	Nominal Voltage	844.8V
	Battery Voltage Range	712.8~950.4V
General Parameters	Degree of Protection	IP55
	Operation Temperature	-20 ~ 45°C
	Storage Temperature	-30 ~ 50°C
	Altitude	<2000m
	Relative Humidity	5%~95% (No condensing)
	Cooling	Air cooling
	Fire Suppression System	Aerosol
	Communication	MODBUS
	Dimension (W x D x H)	1360 x 1065 x 2150mm
	Weight	1.5t
Certification	CE, IEC62619, UN38.3	



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