



LF C&I
ENERGY STORAGE SYSTEM
(100KW/215KWH)



Air Cooling Energy Storage(All In One) ZGE-CI-Z-100-215



This figure is conceptual outline only and subject to actual product update.

Features

- Standardized design, easy for maintenance.
- Realize the fault classification and protection.
- Support real-time online monitoring of system status.
- Large capacity, long life, high discharging rate.
- Easy for capacity expansion, flexible for configuration adaption.

Model	ZGE-CI-Z-100-215
Basic	
Configuration	IP240S
Number of Pack	15
Short-circuit current	12.2kA
Electrical	
Rated charging Current	140A
Max. Charging Current	160A lasts 1minute
Nominal Capacity	215KWH
Voltage Range	600~876V
Nominal Voltage	768V
Max. continuous current	160A
Rated Power	100kW(0.5P)
Auxiliary Power	
Cooling Unit Power	Cooling:3.1KW;Heating:2.0KW
Voltage range	176-264V
BMS Power	60W
System	
Anticorrosion	C5
IP rating	Battery:IP66,Control:IP55,NEMA 3R
Power connection	Fast Plug
Grounding Mode	≤ 4Ω, Meet the Local Scope Requirements
Cooling Mode	Air Cooling
Storage Environment Temperature	-30~60 °C
Operating Environment Temperature	-25 ~55 °C
Environment Humidity	RH≤95% (Non-Condensing)
Altitude Requirements	<4000m(>3000m Derating)
Dimension	1500*1400*2550mm
Weight	2800kg
Color	RAL7035
PCS	
Basic	
Rated Power	100kVA
Overload Capability	Constant Operation@110%; 1 min@120%
Efficiency	99%
Power Response time	<20ms
Charge/Discharge Switching Time	<50ms
Operating Environment Temperature	-40~+60°C (>50°C Derating)
Installation	Wall Mounted
IP rating	IP66
Cooling Mode	Air Cooling
Isolation Method	Non-Isolated
DC side	
Max. Voltage	1000V
Operating Voltage Range	600~1000V
Full Load Operating Voltage Range	600~1000V
AC side	
Rated Voltage	380V
Rated Current	152A
Max. Long-Term Operating Current	167A
Voltage Range	±15%
Frequency	50/60Hz±5Hz
Total Current Harmonics	<3%
Wiring method	3/PE
Communication	
Communications Interface	RS485
Communications Protocol	Modbus-RTU/Modbus-TCP
Certificate	IEC62477 IEC61000 CEI-016 VDE4110 EN50549 IEEE1547.1 UL1741 IEC62619 UL1973 UL9540A



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