

ZHIGUANG 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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