

Gotion GRID 2703

Air Cooling Energy Storage System I



>>> Advantages of Products



Standardization

- 20ft Standard container
- Modular design and optimal layout



Space Optimization

- High volumetric energy density
- Double containers connection



Superior Performance

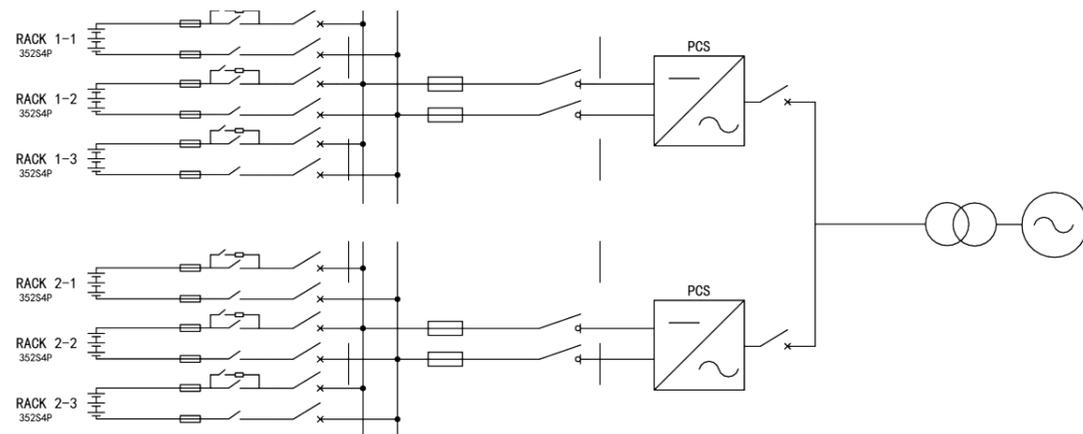
- Super long cycle life
- High conversion efficiency



Intelligent Temperature Control

- Modular management for temp uniformity
- Automatic security system+full immersion +fast response

>>> Architecture Diagram



Model	ESD1126-05P2703
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Electrical	
Cell Type	LFP-100Ah
Pack Configuration	Pack: 4P16S Rack: 4P352S Container System: 24P352S
Cycle Life	Cell: ≥8000 0.5P, @25°C±3°C
Nominal Energy (kWh)(0.5P,25°C)	Pack: 20.5 Rack: 450.6 Container System: 2703.3
Usable Energy(kWh)	Container System: 2528(0.5P@25°C)
Rated Voltage (Vdc)	Pack: 51.2 Rack/Container System: 1126.4
Voltage Range (Vdc)	Pack: 44.8~57.6 Rack/Container System: 880.0~1284.8
Max. Charge Power(kW)	1351 (0.5P)

Conditions	
Storage Temperature(°C)	-30~60
Working Temperature(°C)	-30~50
Working Relative Humidity(%)	0~95 (non-condensing)
Altitude (m)	< 3000 (≥3000 derating)

Parameters	
Ingress Protection	IP54
Cooling Mode	Air-Cooling
Communication Interface	CAN, RS485, Ethernet
Communication Protocol	CAN, Modbus-TCP/IP, Modbus RTU, IEC104
Fire Suppression System	HFC-227ea (Cell-level temp monitoring +heat insulation + Multi-stage fire suppression system)
Standards&Certification	UL1973, UL9540A, UL9540, IEC62619, IEC63056, IEC62477, IEC62933, IEC60730, IEC61000, UN38.3, UN3536, NFPA855 Compliant
Dimensions(W * D * H)mm	6058 x 2438 x 2896 (20ft Container)
Weight (T)	≈32

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