DG1000-268kWh-2H0

Smart GFM Energy Storage System

Simple Delivery

All-in-one design, no on-site installation required

High Efficiency

No DC-side conversion, reducing conversion losses

Ultimate Safety

- Automotive-grade short blade battery cell
- Nail penetration test does not ignite

Extra-long Lifespan

Dual cold-plate sandwich structure. Ensures uniform cell temperature

Energy Storage System Parameters	
Model type	DG1000-268kWh-2H0
Rated power	125kW
Rated voltage	400V
Rated current	180A
Voltage range	340V-440V
Rated Frequency	50Hz/60Hz
Frequency range	50Hz/60Hz±5Hz
THDi	<3% （Rated power）
THDu	<3% （Linear）
Power factor	1 (1 leading, 1 lagging)
Overload capacity	110% long term ,120% 1min
AC output	3P4W+PE
On-grid and off-grid modes switching	Support
Battery Parameters (DC)	
Battery cell type	350Ah.LFP
Rated voltage	768V,240S1P
Battery capacity	268.8kWh
Operating voltage range	672~852 V
Maximum charge and discharge rate	0.5C@25℃
Cycle life	≥8000 Cycles（25℃,0,5P,EOL65%SOH）
System parameters	
Dimensions	1080mm×2400mm×1500mm
Weight	≤ 3 T
Operating temperature	-30 °C ~ 55 °C （>45℃ Derating）
Operating humidity range	0 ~ 95% (non-condensing)
IP rating	IP55
System noise	≤75 dB@1m
Maximum operating altitude	≤3,000 m
Cooling mode of battery cabinet	Smart Dual-sides Liquid Cooling
Fire extinguishing system	Aerosol
Display	Cloud Platform or or Station Control Level
EMS Communication system	Modbus TCP;MQTT;IEC61850;4G
Certificate	UN38.3;GB/T 36276;GBT34120;IEC62477-1; IEC62040-1; IEC61000-6-1/2/3/4; IEC61727

Note:

1. Rated operating condition : In the on-grid scenario, the ambient temperature is 25°C, the charge/discharge rate is 0.5 CP, and the AC output voltage is 400 Vac.
2. This product datasheet is used only for the bidding of early projects.