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

This datasheet is intended solely as a reference for product selection. Product specifications, parameters and functions may change due to version upgrades. The final technical specifications shall be based on the contract.

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
Standards Conformity	
UN38.3、UN3480、IEC62477-1:2022、IEC61000-6-2 & IEC61000-6-4	