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ORIGO Batteries

LISHEN

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Lithium Ion Battery
Power Solution

for Grid-scale Energy Storage, Solar Farm
Storage, Power Station Frequency Regulation

ENERGY BATTERY

GESS+ BATTERY SYSTEM

The GESS+ series of large-scale energy storage power stations are energy storage and frequency regulation products developed for customers on the power generation side and grid side. This product can also meet the energy storage needs of large industrial users. It uses lithium iron phosphate long-life battery and has excellent safety performance. It's the perfect system to effectively manage your energy for ongoing value.

Reliable

- Use Lithium iron phosphate batteries
- Proven high reliability PCS
- limited warranty
- Liquid cooling for smooth operation

Safe

- 1000% Battery safety testing
- Lithium Iron Phosphate (LFP) chemistry for maximum safety and longevity
- Multi-level alarm and protection
- Fire suppression system

Clever

- Meshing capability for backup operations
- Remote software and firmware upgrades
- Mobile app-based monitoring

Value

- Uninterrupted use of energy
- Smooth the peak and valley of the power grid
- Grid frequency regulation
- Promote the realization of energy freedom

Data Sheet

GESS+ 5.0Mi



Rated Energy	5.02MWh
Rated Voltage	1331.2vDC
Voltage range	1164.8~1497.6vDC
Rated Charge/Discharge Power	0.5P
Max. Charge and Discharge Current	180A
System Management	BAMU/BCMU/BMU
Cell Capacity	314Ah
Cell Voltage	3.2v
Module Series/Parallel	52S1P
Cluster Contains	8 module
Max System Contains	12 cluster
Cooling Method	Liquid cooling
Fire Fighting System	Perfluorohexanone
System Dimension(LxDxH)	6058*2438*2896mm
Weight	41t(Appr.)

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