EENOVANCE

BATTERY ENERGY STORAGE SYSTEM

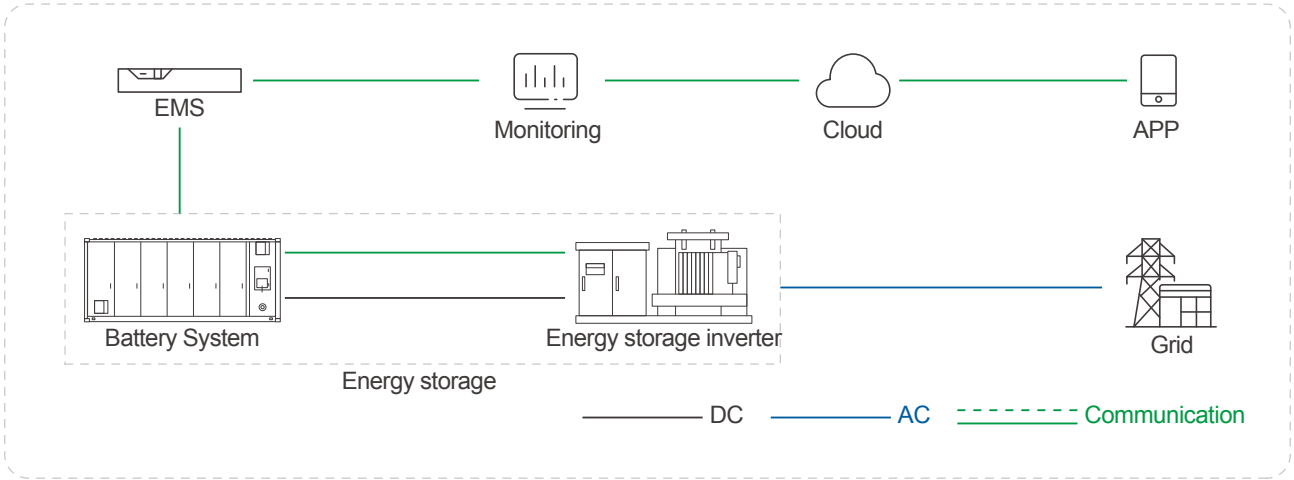
G-Power 5016-L | 5.016MWh

- Supports (BMS, PCS, PMS, EMS) deep integration
- Modular design, flexible cluster selection
- Electrical safety / Isolation and fire resistance
- Multi-Level protection and alarm (gas, water, ventilation)
- IP55 protection rating, outdoor installation
- Intelligent EMS, remote monitoring and fault diagnose

DATASHEET

Model	G-Power 5016-L
Battery Parameters	
Cell technology	LFP-3.2 V / 314 Ah
Battery pack configuration	1P104S
Battery cluster configuration	1P416S
System configuration	12*1P416S
Rated power	5.016 MWh
Rated voltage	1331.2 V
Voltage range	1040 V ~ 1497.6 V
Charge / discharge rate	0.5P
Other Parameters	
Dimension (W×D×H)	6058×2438×2896 mm
	238.5×96×114 inch
Weight	40T-45T (88184.9 lbs-99208.0 lbs)
Operating temperature range	-30°C~+55°C (-22°F~+ 131ºF) (Derating below -15°C or above 45°C)
Relative humidity	5 ~ 95% (No condensation)
Maximum working altitude	3000 m (> 2000 m Derating)
Noise	≤75dB
IP Rating	IP55
Cooling method	Liquid cooling
FSS	Aerosol: module-level + containerized-level, water firefighting, combustible gas detection and exhaust, explosion venting design
Communication	CAN / RS485 / TCP
Cycle life	8000 cycles (25±2°C, 0.5P/0.5P, 70% SOH)
Standard Compliance	
Compliance	UN38.3 / UN3536 / IEC62619 / IEC6100-6-2 / IEC62477-1 / CQC (More available upon request)

SYSTEM DIAGRAM



*Technical data may be updated periodically. Subject to change without notice.