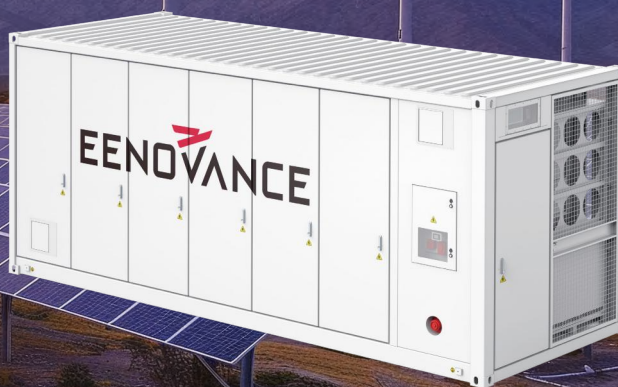


BATTERY ENERGY STORAGE SYSTEM

G-Power 5016-L

5.016MWh



Supports (BMS, PCS, PMS, EMS)
deep integration



Multi-Level protection and alarm
(gas, water, ventilation)



Modular design, flexible
cluster selection



IP55 protection rating,
outdoor installation



Electrical safety / Isolation
and fire resistance



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~-+ 131°F) (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

