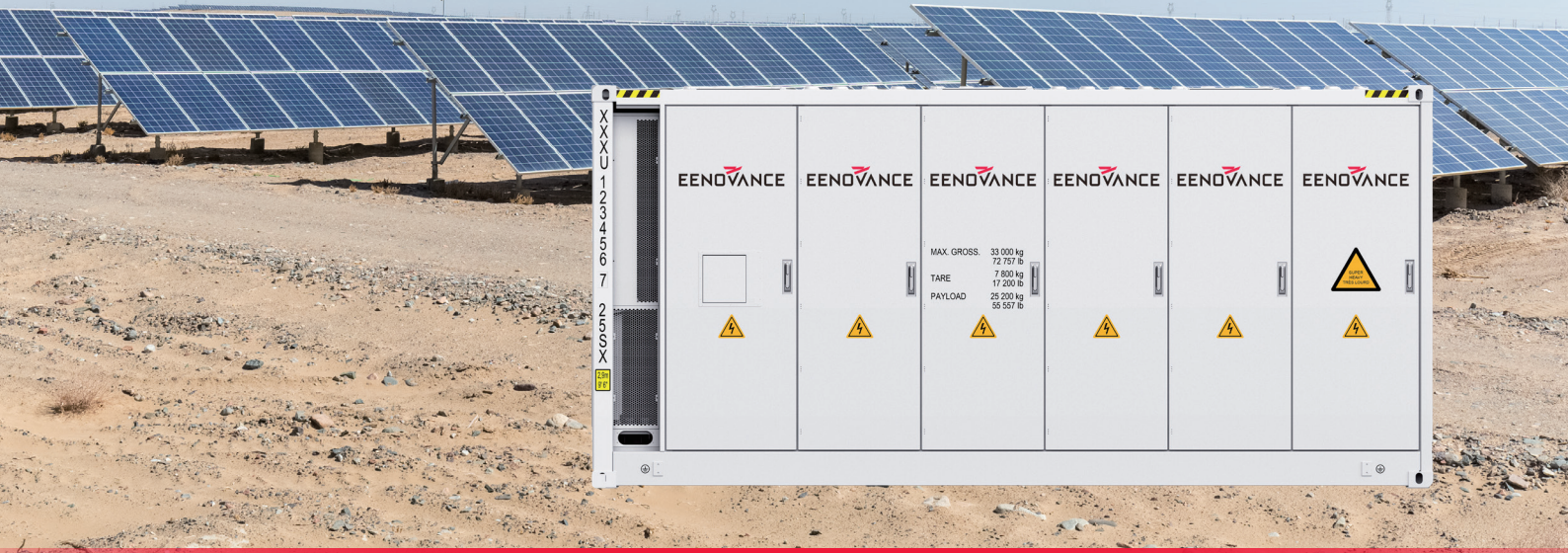


BATTERY ENERGY STORAGE SYSTEM

G-Power 1500-3134-L

Liquid Cooling 1.5MW/3MWh

UN3536 UN38.3 IEC RoHS CE



Features



High - Density 1.5mw/3.135mwh Container System



Full-Scenario Grid Support



Multi - Level Safety Protection



Advanced Liquid Cooling Technology



Intelligent Cloud Platform



Rapid Deployment Capability

Scenarios



Industrial Parks



Commercial Parks



Livestock Farms



Farms



Manufacturing Bases



Photovoltaic Parks



Wind Power Bases

DATASHEET

Model		G-Power 1500-3134-L
Battery Parameters		
Cell technology	LFP-3.2 V / 314 Ah	
Battery pack configuration	1P52S	
Battery cluster configuration	1P260S	
System configuration	12*1P260S	
Rated power	3.134 MWh	
Rated voltage	832 Vdc	
Voltage range	728 Vdc ~ 936 Vdc	
Charge / discharge rate	0.5P	
AC Side Parameters (optional)		
Rated output power	12*125 kW	
Rated grid voltage	400Vac	
Rated output current	12*18.0 A	
Allowable grid voltage range	3W+N+PE, -15% ~ +15% (Settable)	
Rated grid frequency	50Hz / 60 Hz	
Output THDi	< 3%	
Power factor	-1 ~ 1	
Overload capacity	110% (long term), 120% (1 min)	
Charge / discharge switching time	< 100ms	
Maximum efficiency	99%	
Other Parameters		
Dimension (W×D×H)	6058×2438×2896 mm	
	238.5×96×114 inch	
Weight	33 T (99208.0 lbs)	
Operating temperature	-20°C~+50°C (-68°F~+ 122°F) (Derating below -15°C or above 45°C)	
Relative humidity	5 ~ 95% (No condensation)	
Maximum working altitude	≤4000 m (> 2000 m Derating)	
Noise	≤75dB	
IP Rating	IP54	
Cooling method	Liquid cooling	
FSS	Aerosol: module-level + containerized-level, water firefighting, combustible gas detection and exhaust, explosion venting design	
Communication	CAN/RS485/4G+LAN	
Cycle life	8000 cycles (25±2°C, 0.5P/0.5P, 70% SOH)	
Corrosion Resistance	C4M	
Standard Compliance		
Compliance	UN3536,IEC62619,IEC63056,IEC62477-1,IEC61000-6-2/-4,IEC60730,UN38.3,Rohs	

SYSTEM DIAGRAM

