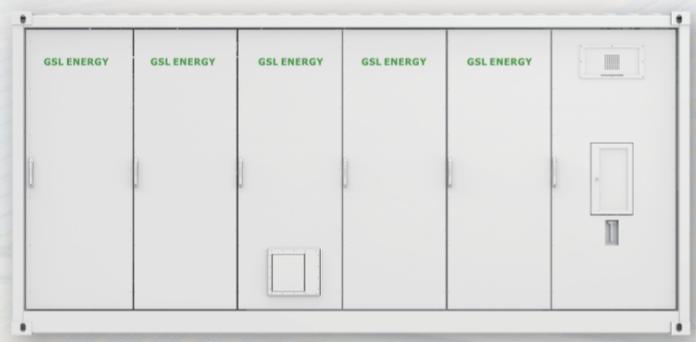


# Commercial Battery Storage System

8500+ life cycles



3.72MWh Conversion System

- ★ Standardized design, high degree of modularity
- ★ Internal air conditioning independent temperature control
- ★ Adopts high-performance PCS to ensure high safety and stability
- ★ Adopts high-quality IP55 outdoor cabinet
- ★ GSL self developed BMS, 10 years tested



## Battery Specifications

Model No	GSL-BESS-3.72MWH
Single Cell Type	LFP 3.2V/280AH
Module Combination	10*1P416S
Number of Battery Clusters	10
Capacity (kWh)	3727
Nominal Voltage (Vdc)	1331.2
Voltage Range (Vdc)	1164.8 ~ 1497.6
Charge/Discharge Current	0.8C
Discharge Depth	90% DoD
Service Life	>8500 cycles@80%DoD
Thermal Management Mode	Liquid cooling technology
Thermal Runaway Management-1	Aerosol Extinguishing or PFH
Thermal Runaway Management-2	Water Immersion
Dimensions (W*D*H)	6058*2438*2896mm / 239*95.9*114.0 in
Total Weight	≈40t / ≈88185 lbs
Operation Altitude	3000m(>3000m derating)
Noise Level @1m	<75 dB(A)
IP Rating	IP67
Operating Temperature	-20°C to 55°C
Operating Humidity (RH)	0 to 95%
Storage Conditions	-20°C to 30°C, Up to 95% RH, non-condensing State of Energy (SoE): 50% initial
Communication Interface	CAN, RS485, Wi-Fi
Certifications	IEC62477-1, IEC61000-6/2/4, UN3536

# Commercial Battery Storage System

8500+ life cycles



5MWh Conversion System

- ★ Standardized design, high degree of modularity
- ★ Internal air conditioning independent temperature control
- ★ Adopts high-performance PCS to ensure high safety and stability
- ★ Adopts high-quality IP55 outdoor cabinet
- ★ GSL self developed BMS, 10 years tested



## Battery Specifications

Model No	GSL-BESS-5MWH
Single Cell Type	LFP 3.2V/314AH
Module Combination	12*1P416S
Number of Battery Clusters	12
Capacity (kWh)	5217.8
Nominal Voltage (Vdc)	1331.2
Voltage Range (Vdc)	1164.8 ~ 1497.6
Charge/Discharge Current	0.8C
Discharge Depth	90% DoD
Service Life	>8500 cycles@80%DoD
Thermal Management Mode	Liquid cooling technology
Thermal Runaway Management-1	Aerosol Extinguishing or PFH
Thermal Runaway Management-2	Water Immersion
Dimensions (W*D*H)	8200*2438*2896mm / 322.8*95.9*114.0 in
Total Weight	≈56t / ≈123459 lbs
Operation Altitude	3000m(>3000m derating)
Noise Level @1m	<75 dB(A)
IP Rating	IP67
Operating Temperature	-20°C to 55°C
Operating Humidity (RH)	0 to 95%
Storage Conditions	-20°C to 30°C, Up to 95% RH, non-condensing State of Energy (SoE): 50% initial
Communication Interface	CAN, RS485, Wi-Fi
Certifications	IEC62477-1, IEC61000-6/2/4, UN3536