

EGS232K-T100

All-in-one distributed energy storage system

232KWh/100KW



EGS SERIES

Product Features

The EGS series product is a distributed all-in-one machine designed by Anygap for medium-scale industrial land commercial energy storage needs. The product adopts a liquid cooling solution, which greatly improves the safety and reliability of the battery, and provides a Higher return on investment.

EGS system meets the needs of medium-sized industrial parks, resorts, and supermarkets. Hotels and other power supply needs.

Safety

- Tier - 1 battery with system management of each cell
- Liquid cooling solution ensures the safety and reliability of the batteries

Reliable & flexible

- Support multi-machine parallel connection, up to 16 units in parallel
- Flexible layout on the site and easy to extend during life time
- Power 100kW/232KWh

System overview and Remote control

- Battery state of charge / present power consumption, etc.
- Monitor the hybrid system from anywhere
- Remote control feature is also available

Technical Parameters	EGS232K-T100
AC side (Grid)	
AC output power	100kVA @ 45°C
Max. AC current	160A
Nominal AC voltage (AC voltage range)	400 V / 230V (-20%~15%)
Nominal grid frequency / Grid frequency range	50Hz / 47Hz~52Hz, 60Hz / 57Hz~62Hz
Harmonic (THD)	< 3 % (at nominal power)
Power factor at nominal power / Adjustable power factor	-1~1
Ac side (micro-grid)	
Nominal AC voltage	400 V / 230V
Harmonic(THD)	<1 %(Resistance load)
Unbalanced three phase load	1
Nominal frequency / Frequency range	50Hz / 45Hz~55Hz, 60Hz / 55Hz~65Hz
Max. AC power	125kW
Batteries	
Nominal Battery Voltage (V)	832VDC
Battery Cell Type	LiFePO4 3.2V/280Ah
Battery Pack Configuration	1P52S/46.59kWh
Battery System Configuration	1P260S
Rated System Capacity	232.96kWh
Battery Voltage Range	728~936VDC
Maximum Charging/Discharging Current	140A
Battery Disconnect	Integrated
Normal Parameters	
Dimensions (mm)(WxDxH)	1360*1368*2092
Waterproof Class	IP 54
SPD	DC TYPE I/AC TYPE II
Fire protection system	Aerosol / Perfluorhexone / Water Optional
Allowed Ambient Temperature	-30 ~ 60" C(> 45" C Derating)
Allowed Relative Humidity	0~100%
Lifting options	Fork/Crane

Note:Product specifications are subject to change without further notice