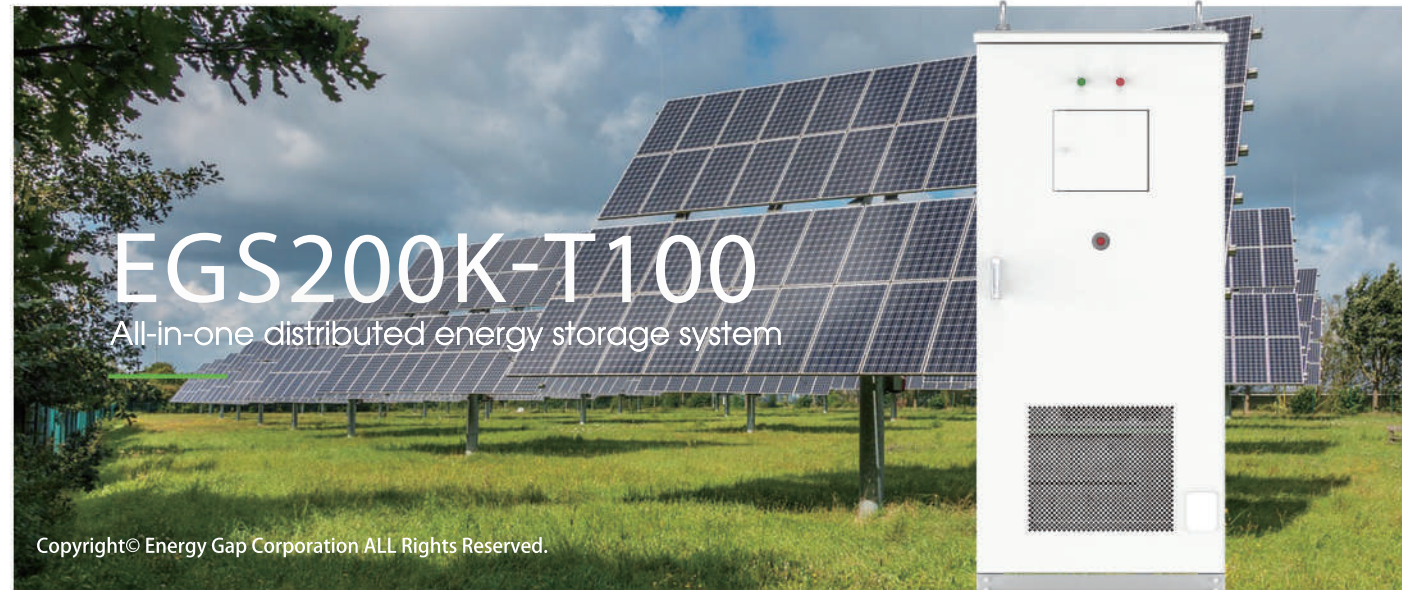


## ALL-IN-ONE DISTRIBUTED ENERGY STORAGE SYSTEM EGS200K-T100



### Product Features:

EGS200K-T100 is a AC-coupled All-in-one energy storage system that adopts industry-leading 1P56S modules and a liquid cooling solution. By utilizing a vertical structure, it reduces the system's footprint, further enhancing the ease of installation and flexibility in distribution.

This system is suitable for small and medium-sized commercial and industrial applications and can meet various power and capacity requirements through parallel connection of multiple units.

#### Peak Shaving Mode

Demand Management  
Anti-Island Control  
Load Following

#### Multiple work mode

Support different scenarios  
Support different work mode

#### Reliable & flexible

Support multi-machine parallel connection, up to 16 units  
Flexible layout on site and easy to extend during life time

#### Multiple security design

Triple fire fighting design  
Fire suppression system

#### 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

#### Easy to install and maintain on spot

Ultra-compact size, occupying a small footprint  
100% pre-installed in the factory  
Supports mobile deployment.

### Technical Parameters:

AC Side (Grid)	
AC Output Power	100 KVA @ 45°C
Max AC Current	167 A
Nominal AC Voltage	400 V / 230 V
Nominal Grid Frequency	50Hz / 60Hz
Harmonic(THD)	< 3 % ( at nominal power)
Power Factor at Nominal Power	- 1 ~ 1
Battery	
Nominal Battery Voltage	716.8 VDC
Battery Type	LiFePO4 / 280 Ah
Battery PACK Configuration	1P56S / 50.176 KWh
Battery System Configuration	1P224S
Rated System Capacity (93%DOD)	200.704 KWh (186.65 KWh)
Battery Voltage Range	560 - 817.6 VDC
Maximum Charging/Discharging Current	280 A
Cooling system	liquid cooling
Normal Parameters	
Dimension (W*D*H)	920*1420*2045 mm
Weight	2200 Kg
Protection Level	IP54
SPD	AC TYPE II
Lifting Options	Fork / Crane
Fire Protection System	Perfluorohexanone/aerosol/immersion water fire protection/ smoke sensor/temperature sensor/water immersion detection
Monitoring	
Display	7" Touchscreen LCD
Communication	RS485 / Ethernet
Remote Control System	EG Cloud

