



Industrial & Commercial Energy Storage Cabinet



Product Features:



High Safety:

- ⇒ With Lithium iron phosphate batteries, high thermal stability.
- ⇒ Independent fire protection system, prevention-oriented fire protection strategy.
- ⇒ IP65 high protection level, suitable for outdoor applications.
- ⇒ C5 anti-corrosion level, 20 years reliability.



Long Service Life:

- ⇒ Equipped with high-quality advanced batteries, the battery cell has a maximum cycle life of 10,000 times.
- ⇒ Integrated variable frequency liquid cooling system, the temperature difference between the internal cells of the battery cluster is less than 3°C, and the service life can be increased by 33%.



High Integration:

- ⇒ Modular design, compatible with 600-1500V systems.
- ⇒ Independent water cooling system.
- ⇒ Supports board transportation, saving installation and debugging time and costs.
- ⇒ Modular high capacity density design, saves 50% of floor space.

Parameters:

Model	T-GS-Y(F)215	T-GS-Y(F)372
Battery Parameters		
Battery Type	Li-ion (LFP)	Li-ion (LFP)



Rated Capacity	280Ah / 896Wh	280Ah / 896Wh
Battery Pack		
Pack configuration	1P48S	1P52S
System configuration	1P240S	1P416S
Rated Voltage	768V	1331.2V
Battery Voltage Range	672V~864V	1164.8V~1497.6V
System Configuration		
Standard Capacity	215.04kWh	372.7kkWh
Rated Charging & Discharging Rate	0.5C	
Rated Power	107.5kW	186.35kW
Rated Current	140A	
Current at Minimum Voltage	179A	
Cooling Type	Liquid cooling / Air cooling (optional)	
Fire-extinguishing System	Perfluoro (2-methyl-3-pentanone) / Aerosol (optional)	
Working Temperature Range	-25°C ~ 55°C	
Working Humidity Range	≤95	
Dimension (WxHxD)	130x220x135cm	130x220x135cm
Net Weight	3.46t	3.66t