



Titan 860kWh+500kW/1.075MWh+500kW

20 Feet Commercial & Industrial BESS



Product Features



High Efficiency 97.6%

With cooling system ensures higher efficiency and longer battery cycle life



Various Application Solutions

Variety of applications are supported such as peak-shift, peak-cut, frequency regulation, etc.



Easy Installation

Highly integrated ESS for easy transportation and O&M
All pre-assembled, no battery module handling on site



Safety and Reliable

Multi level battery protection layers formed by discreet standalone systems offer impeccable safety

Application scenarios



Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

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Parameters

Model No	Titan 860kWh+500kW	Titan 1.075MWh+500kW
Battery Side Parameters		
Cell Parameters	3.2V280Ah LFP	
Pack Parameters	1P16S	
Battery Cluster	1P16S*15	
System Combination	4*1P240S	5*1P240S
Rated Energy	860kWh	1.075MWh
Rated Voltage	768V	
Operating Voltage Range	720-850V	
Rated Multiplier	0.6P	0.5P
Photovoltaic Side Parameters		
Rated Voltage	600V	
Rated Current	100A	
Mppt Maximum Range	420-850V	
Mppt Rated Power	50KW	
Number Of Mppt Channels	10	
AC Side Parameters		
Output Power	500KW	
Rated Voltage	380/400V 3W+N+PE	
Rated Frequency	50HZ	
Response Time	20ms	
Conversion Efficiency	98%	
System Parameters		
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C	
Operating Humidity Range	5-85%RH	
Depth Of Discharge	80-90%	
Cycle Life	25±2°C/0.2C/80% DOD≥8000	
Protection Class	IP55	
System Cycle Efficiency	≥90%@AC	
Cooling Method	Air cooling	
Fire-fighting System	Perfluorohexanone	
Overall Dimension	20FT	
Grid Certification	Cell UL1973/IEC62619/UL9540A/TUV/CE	
DC Battery Combiner Cabinet		
Model No.	1000V DC 630A * 1 PCS	1500VDC1250A *2 pcs
Maximum Working Voltage	1000V	
Maximum Charge/discharge Current	630A	1250A
Pcs Power	250KW-500KW	500KW-1000KW
Communication Mode	TCP/485/CAN/232	
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C	
Operating Humidity Range	5-85%RH	
Protection Class	IP20	
Fire Fighting System	Aerosol	
Overall Dimension	700*600*1680mm	800*600*2261mm
Weight	350kg	400kg