





# Titan-430kWh + 150kW


## 10 Feet Commercial & Industrial BESS




### Product Features

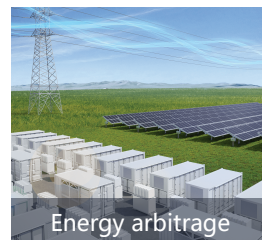
 **High Efficiency 97.6%**  
With cooling system ensures higher efficiency and longer battery cycle life

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

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

 **Safety and Reliable**  
Multi level battery protection layers formed by discreet standalone systems offer impeccable safety

### Application scenarios



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## Parameters

Model No	Titan-430kWh+150kW
<b>Battery Side Parameters</b>	
Cell Parameters	3.2V280Ah LFP
Pack Parameters	1P16S
Battery Cluster	1P16S*15
System Combination	2*1P240S
Rated Energy	430kWh
Rated Voltage	768V
Operating Voltage Range	720-850V
Rated Multiplier	0.5P
<b>Photovoltaic Side Parameters</b>	
Rated Voltage	600V
Rated Current	100A
Mppt Maximum Range	420-850V
Mppt Rated Power	50KW
Number Of Mppt Channels	3
<b>AC Side Parameters</b>	
Output Power	150KW
Rated Voltage	380/400V 3W+N+PE
Rated Frequency	50HZ
Response Time	20ms
Conversion Efficiency	98%
<b>System Parameters</b>	
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	10FT
Product Certificate	Cell UL1973/IEC62619/UL9540A/TUV/CE
<b>630A DC Battery Combiner Cabinet</b>	
Model No.	1000V DC 630A * 1 PCS
Maximum Working Voltage	1000V
Maximum Charge/discharge Current	630A
PCS Power	250KW-500KW
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
Weight	350kg