

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.

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.

Parameters

Product Model	Titan-430kWh+150kW
Battery Side Parameters	
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
Photovoltaic Side Parameters	
Rated Voltage	600V
Rated Current	100A
MPPT Max. Range	420-850V
MPPT Rated Power	50kW
Number Of MPPT Channels	3
AC Side Parameters	
Output Power	150kW
Rated Voltage	380/400V 3W+N+PE
Rated Trequency	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	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire Protection System	Perfluorohexanone
Dimension	10FT
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE
630A DC Battery Combiner Cabinets	
Product Model	1000V DC 630A * 1 PCS
Max. Working Voltage	1000V
Max. 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 Grade	IP20
Fire Protection System	Aerosol
Dimension	700*600*1680mm

HV Energy Storage System

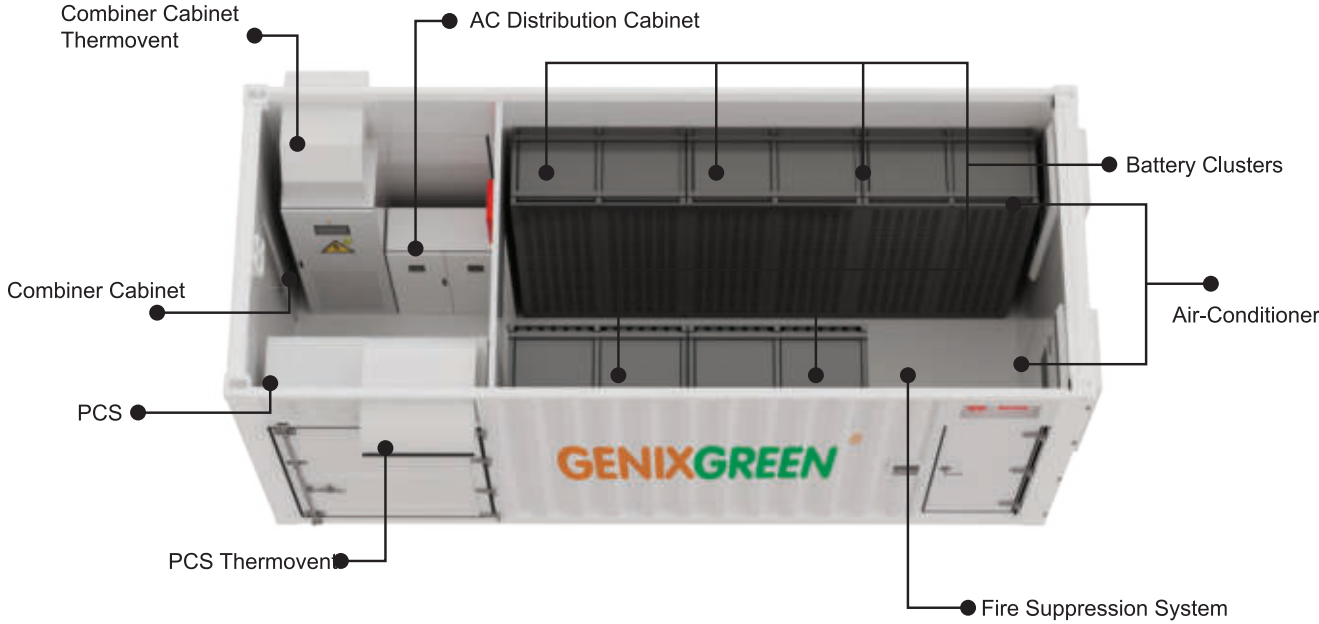
20/40 Feet Commercial & Industrial BESS Container

645kWh/860kWh/1.075MWh/2.15MWh



Titan-645kWh+250kW

20 Feet Commercial & Industrial BESS



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



Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

Parameters

Product Model	Titan-645kWh+250kW
Battery Side Parameters	
Cell Parameters	3.2V280Ah LFP
Pack Parameters	1P16S
Battery Cluster	1P16S*15
System Combination	3*1P240S
Rated Energy	645kWh
Rated Voltage	768V
Operating Voltage Range	720-850V
Rated Multiplier	0.5P
Photovoltaic Side Parameters	
Rated Voltage	600V
Rated Current	100A
MPPT Max. Range	420-850V
MPPT Rated Power	50kW
Number Of MPPT Channels	5
AC Side Parameters	
Output Power	250kW
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	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire Protection System	Perfluorohexanone
Dimension	20FT
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE
800A DC Battery Combiner Cabinets	
Product Model	1500V DC 800A * 1 PCS
Max. Working Voltage	1500V
Max. Charge/Discharge Current	800A
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 Grade	IP20
Fire Protection System	Aerosol
Dimension	600*623*1755mm

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

20 Feet Commercial & Industrial BESS



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



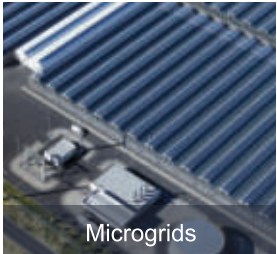
Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

Parameters

Product Model	Titan-860kWh+500kW		Titan-1.075MWh+500kW
Battery Side Parameters			
Cell Parameters	3.2V280Ah LFP		
Pack Parameters	1P16S		
Battery Cluster	1P16S*15		
Rated Voltage	768V		
Operating Voltage Range	720-850V		
System Combination	4*1P240S		5*1P240S
Rated Energy	860kWh		1.075MWh
Rated Multiplier	0.6P		0.5P
Photovoltaic Side Parameters			
MPPT module rated power	50kW/single		
Max. PV power	600/660/720V		
Number of MPPT modules	10/11/12		
MPPT voltage range	250-600V		
MPPT full load voltage range	450-600V		
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	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)		
Protection Grade	IP55		
System Cycle Efficiency	≥90%@AC		
Cooling Method	Air conditioning cooling		
Fire Protection System	Perfluorohexanone		
Dimension	20FT		
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE		
DC Battery Combiner Cabinets			
Product Model	1500V DC 800A * 1 PCS		
Max. Working Voltage	1500V		
Max. Charge/Discharge Current	800A		
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 Grade	IP20		
Fire Protection System	Aerosol		
Dimensions	600*623*1755mm		

Titan -2.15MWh+1MW

40 Feet Commercial & Industrial BESS



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



Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

Parameters

Product Model	Titan-2.15MWh+1MW
Battery Side Parameters	
Cell Parameters	3.2V280Ah LFP
Pack Parameters	1P16S
Battery Cluster	1P16S*15
System Combination	2*5*1P240S
Rated Energy	2.15MWh
Rated Voltage	768V
Operating Voltage Range	720-850V
Rated Multiplier	0.6P
Photovoltaic Side Parameters	
Rated Voltage	600V
Rated Current	100A
MPPT Max. Range	420-850V
MPPT Rated Power	50kW
Number Of MPPT Channels	2*10
AC Side Parameters	
Output Power	1MW
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	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire Protection System	Perfluorohexanone
Dimension	40FT
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE

1600A DC Battery Combiner Cabinets	
Product Model	1500V DC 1600A *1 PCS
Max. Working Voltage	1500V
Max. Charge/Discharge Current	1600A
PCS Power	500kW-1000kW
Communication Mode	TCP/485/CAN/232
Operating Temperature Range	Charging: 0~55 C / Discharging: -10~60 C
Operating Humidity Range	5-85%RH
Protection Grade	IP20
Fire Protection System	Aerosol
Dimension	600*323*2084mm