



Energy Storage Solution

LFP Battery System

- Modular design allows the system to scale out from 295 kW to 4.41 MWh.
- Fully equipped for rapid commissioning with support for truck transportation.
- Consistent quality control and safety features ensure minimal risk.



Solar Power Plant



Factory



EV Charging Station



Optimizing Energy Storage Systems Under Minimal Risk

Delta's battery storage systems feature high-voltage output for enhanced energy management efficiency. With their scalable, fire-proofing, and anti-corrosion capabilities, these systems can meet project requirements at various scales and are suitable for a range of environmental conditions. This makes them an ideal solution for grid ancillary services and utility applications while ensuring reliability and safety.



Features



Highly Scalable Building Block

- Systems can be configured to meet current requirements and scale-out from 300kW to 5MW.
- Pre-installed battery modules, power supply, controllers, and interfaces for rapid deployment and commissioning.
- Support for truck transportation.



Proven Systems Safety

- Split cabinet with an anti-fire propagation enclosure.
- Dedicated HVAC, cooling system, and environmental safety sensors to minimize risk.
- Compliance with IEC 60721-3-2 2M1 prevents damage due to transport shock or vibration.
- IEEE 693 seismic qualification.
- UL 9540A for module

Specifications

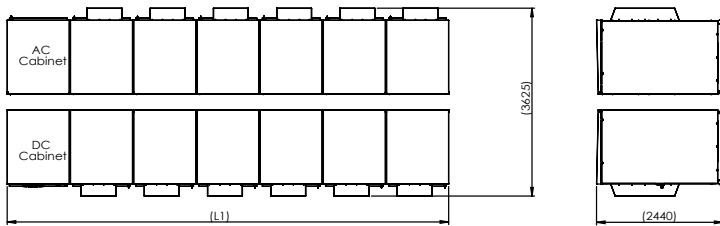
Battery System				
Model Series	EBSU-CE2816SXXPP0X			
Battery Solution	LFP EVE 280Ah Cell			
Cabinet Configuration	352S-1P			
Per Cabinet Modules	16 Modules			
Cabinet Install Capacity	315.4 kWh			
Model Name	EBSU-CE2816S10PP0X	EBSU-CE2816S12PP0X	EBSU-CE2816S13PP0X	EBSU-CE2816S14PP0X
Battery System Cabinets	10	12	13	14
Battery System Install Capacity	3154 kWh	3780 kWh	4100 kWh	4415 kWh
DC Voltage Range	968 – 1232 Vdc			
Recommend DoD%	90%			
Environment Condition	Outdoor			
Operating Temperature	-30 °C to +45 °C			
Environment Humidity	0 – 100% (No condensing)			
Ingress Protection	IP55 , Type 3R, NEMA 3R compliance			
Corrosion Resistance	Comply with severity-1 (IEC 60068-2-52)			
Altitude	< 2000m			
Seismic Level	IEEE 693, 0.5g, 2% damping			
DC Switch	1500V/4000A			
Dimension (W x D x H, mm)	7400 x 3530 x 2440	8520 x 3530 x 2440	9740 x 3530 x 2440	9740 x 3530 x 2440
Weight (kg)	39,500	46,900	50,600	54,300

Battery System				
Model Series	EBSU-CE2815SXXPP0X			
Battery Solution	LFP EVE 280Ah Cell			
Cabinet Configuration	330S-1P			
Per Cabinet Modules	15 Modules			
Cabinet Install Capacity	295.6 kWh			
Model Name	EBSU-CE2815S10PP0X	EBSU-CE2815S12PP0X	EBSU-CE2815S13PP0X	EBSU-CE2815S14PP0X
Battery System Cabinets	10	12	13	14
Battery System Install Capacity	2956 kWh	3547 kWh	3843 kWh	4138 kWh
DC Voltage Range	907 – 1155 Vdc			
Recommend DoD%	90%			
Environment Condition	Outdoor			
Operating Temperature	-30 °C to +45 °C			
Environment Humidity	0 – 100% (No condensing)			
Ingress Protection	IP55 , Type 3R, NEMA 3R compliance			
Corrosion Resistance	Comply with severity-1 (IEC 60068-2-52)			
Altitude	< 2000m			
Seismic Level	IEEE 693, 0.5g, 2% damping			
DC Switch	1500V / 4000A			
Dimension (mm)	7400 x 3530 x 2440	8520 x 3530 x 2440	9740 x 3530 x 2440	9740 x 3530 x 2440
Weight (kg)	37,500	44,500	48,000	51,500

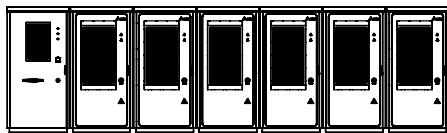
Product at a Glance



Dimension



Battery Cabinet Qty	L1 (mm)
7 or 8	6180
9 or 10	7400
11 or 12	8520
13 or 14	9740



More information

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