

DELUX[®]

**Embrace a New Era of
Powered Freedom.**

With DELUX Home Energy Storage.



DELUX

BETA+5

LITHIUM ION BATTERY



PRODUCT FEATURES

-  AutoID.Millisecond level status monitor,realtime battery management,and optimization
-  Experience maximum efficiency with up to 90% usable energy
-  Optimized cycle life exceeds 6000 cycles for long-lasting reliability.
-  Automatically assign any host
-  High energy density and efficiency

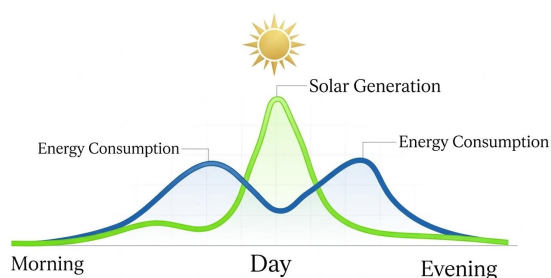
COMPATIBLE INVERTERS BRANDS



How to save utility bill from Residential BETA+ ESS?

1. Self-Consumption Optimization

High energy demand in the morning and evening but solar generation is most efficient during the mid-day. BETA+ Battery storage systems balance the feeding and demands. Realize your grid independence.



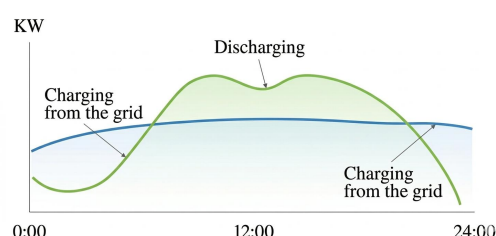
2. Benefits from Peak Shaving

House: Load Shifting

Store the power during low peak and use the energy at peak-time. Save the money which happens arising from peak rate.

Transmission & Distribution:

Peak shaving. Save on the electricity bills by reducing peak demand



Datasheet (51.2V)

Battery Data	
Model No	BETA+5
Normal Voltage	51.2V
Normal Energy	5.12kWh
Rated Capacity	100Ah
Operating Voltage	43.2~56.8V
Rated Discharge Current	100A
Rated Charging Current	50A
Max discharging Power	5kW
Round-trip Efficiency	≥96%
Battery Cell Technology	Lithium Iron Phosphate (cobalt-free)
General Data	
Dimension (W/D/H)	460x690x134mm
Weight	46Kg
IP Protection	IP20
Working Temperature	Charge:-10℃~55℃/Discharge:-20℃~60℃
Storage Temperature	0℃~35℃
Features	
Cycle Life	≥ 6000 (25±2℃, DoD 90%)
Parallel Connection	Max 128 Packs
Communication ports	CAN2.0 / RS485
Warranty	5 Years

* Disclaimer: The information on this page may change as the company develops, including but not limited to product series, technical parameters, etc. The information on this page is for reference only and does not constitute any agreement or commitment. Any modifications will not be notified separately