



2U ES-51.2V100Ah

Residential BESS Rack Mounted type-LV



Flexible capacity options, 5.12kWh-82 kWh



Compact size and easy installation



High energy density and efficiency



Excellent safety of LiFePO4 battery

Shenzhen Enershare Technology Co.,Ltd

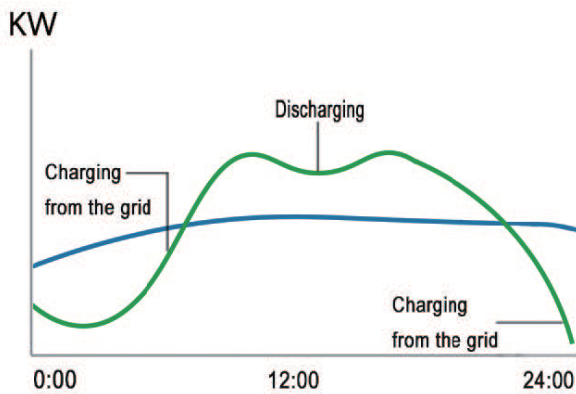
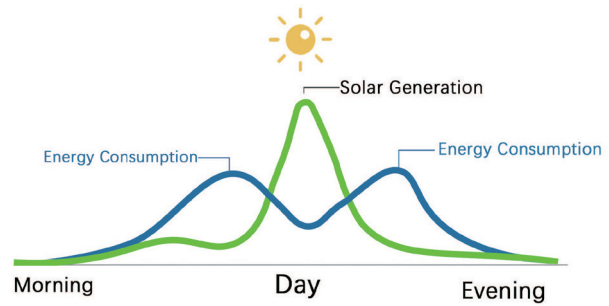
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<https://www.enershare.cn>

1.How to save bill from Residential ESS ?

Self-Consumption Optimization

High energy demand in the morning and evening but solar generation is most sufficient during the Mid-Day. Battery Storage system 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	ENP51100
Normal Voltage	51.2V
Normal Capacity	5.12kwh
Usable Capacity	5kwh
Operating voltage	48~57.6V
Charging / Discharging Current	100A Max
Rated discharging power	2500W
MAX discharging power	5000W
General Data	
Dimension (W/D/H)	478*550*88mm
Weight	40Kg
IP Protection	IP20
Working Temperature	-10 °C ~ +50 °C
Storage Temperature	20 °C ~ +45 °C
Features	
Cycle Life	>6000(25°C , 90% DOD)
Parallel Connection	Max.16 packs
Communication port	CAN2.0/RS485
Warranty	10 years
ICE62619,CE,UN38.3,UL1973,FCC	