



## Lithium Energy Storage Container



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shoto<sup>®</sup>

▣ **Modular Design**

Modularization Designed System, Multiple Battery Capacity  
Various PCS Power in option

▣ **Flexible Operation Mode**

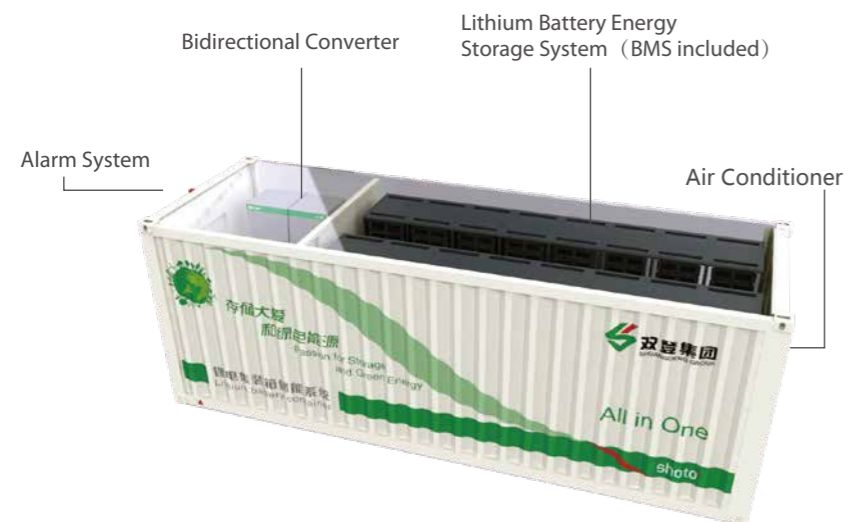
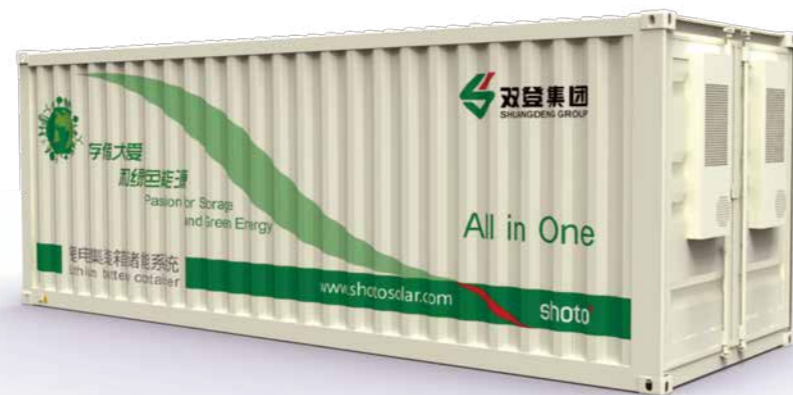
Grid-Connected/Off-Grid Mode  
Seamlessly Switch  
Multiple Auxiliary Functions

▣ **High-Performance Battery**

High-Performance Lithium Iron Phosphate Battery with long  
cycle life  
Highest Efficiency up to 90%  
Active/Passive Equilibrium

▣ **Integrated System**

Complete System Management (Energy Management,  
Battery Management, Heat Management)  
Intelligent Surveillance System (Extinguishing, Alarm  
System, Humidity and Temperature Detection)



▣ **Bidirectional Converter**

Power Converting System(250kW Rated)

▣ **Alarm System**

Ensure the Safety and the Reliability of system

▣ **Lithium Battery Energy Storage System(BMS included)**

The battery system is comprised of the battery module,  
battery Cabinets, and Battery Management System (BMS)

▣ **Air Conditioner**

Adjust the System Temperature and Humidity

Passion for Storage  
and Green Energy

250kW/750kWh System Parameter

Part	Item	Parameter
Cell	Battery Type	IFP15180230-050
	Rated Capacity	50Ah
	Energy Density	≥130Wh/kg
	Rated Voltage	3.2V
	Limited Charge Voltage	3.65V
	Limited Discharge Voltage	2.5V
	Cycle Life	4000
Module	Dimensions (L×W×H) (mm)	442*600*133mm
	Connection Mode	2P16S
Cabinet	Rated DC Voltage	576V
	Dimensions (L×W×H) (mm)	520*610*2150mm
	Output Voltage Range	450 ~ 657V
	Rated Capacity	100Ah
	Nominal Energy	57.6kWh
	Max Pulse Discharge Current	150A
	Max Last Discharge Current	100A
	Standard Charge current	50A
	Max Last Charge Current	100A
	Limited Charge Voltage	657V
	Limited Discharge Voltage	450V
	Charge Maintenance	>95%
	Weight	740Kg
	Communication	CAN
System	Rated Output Power	250kW
	Rated Output Voltage	380V
	Rated Output Frequency	50Hz
	Nominal Capacity	750kWh
	Over-voltage Allowance (%)	110 (10min)
	Power Factor	>0.99 (Rated Power)
	Balance	Passive/Active Equalization
	Dimensions (L×W×H) (mm)	6058 x 2438 x 2896