100kW 215kWh Outdoor liquid cooled storage cabinet

The energy storage system helps to use and manage energy more effectively, reduce electricity bills, and can be applied to various scenarios, such as power user peak-valley arbitrage, power grid frequency regulation and peak regulation, improving new energy consumption, and improving grid power supply

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215kWh

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Multiple fire design guarantee, combining anti -consumption combination



Intelligent cloud, 24H system performance monitoring, real -time safety warning, periodic system automatic inspection

modular design, flexible deployment

Multi -income of Peak Valley arbitrage



Basic Parameters	Project	Parameters
Stand Parameters	Battery cabinet size	1350mm(W)X1350mm(D)X2200mm(H)
	Battery Type	Lithium iron phosphate
	Nominal capacity	280Ah
	Nominal voltage	768V
	Standard charging rate	0.5C
	Maximum continuous discharge rate	0.5C
	Rated power	215kWh
	Operating voltage range	672V-864V
	Installation position	IP54
	Cooling mode	Liquid cooling system
	Fire protection system	Perfluorohexanone
	Continuous output power	100KW
Battery pack Parameters	0.5C standard discharge capacity	≥280Ah
	Nominal Voltage	166.4V
	Operating voltage range	156V-187.2V
	Standard charge condition	Charge with 0.5C constant current and 189.8Vconstant voltage, charge to 18 continue charging till current declineto ≤0.05C
	Maximum discharge current	140A
	Maximum charge current	140A
	Operation Temperature Range	Charge: 0~45°C � Discharge: -20~55°C �
	Battery pack size	1097(L)x800(W)x246(H)mm
Run function	Shaving peaks and filling valleys	Available (Standard)
	Off-grid/parallel operation	Available (Optional)
	Smooth photovoltaic output	Available (Optional)
	Cooperate with smart microgrid	Available (Optional)
	Backup power	Available (Optional)
Communication Parameters	Communication Interface	Ethernet
	Communication Protocol	Modbus RTU/Modbus TCP/MQTT/Kaf- IEC60870-104/IEC61850 ETC

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