

LiFePO4 BATTERY

INTEGRATED OUTDOOR ENERGY STORAGE SYSTEM

UI- 500KW / 1075kWh SYSTEMS
250KW / 645kWh SYSTEMS



NEIGHBORHOOD RESIDENCE



MEGA SUPERMARKETS



SMART PARK



OUTDOOR ELECTRICITY



NEW ENERGY CHARGING STATION



NATIONAL GRID



FUNCTIONAL SPECIFICATIONS

Category	Projects	100kW / 215kWh Systems
Configuration	Rated Power	100kW
	Battery Type	LiFePO4
	RACK Configuration (xPxS)	1P1S
	Rated Battery Energy	215kWh
	Rated Capacity	280Ah
Charge and Discharge Parameters	Rated Battery Voltage	768V
	Maximum Charge Voltage	856V
	Discharge Cut-off Voltage	672V
	Rated Discharge Power	100kW
	Standard Charging Current	140A
	Standard Discharge Current	140A
	Max. Discharge Current	280A
	Discharge Depth	90%
Efficiency	System Efficiency	>85%
Basic Parameters	Ambient Temperature	-10~45°C/14°F~ 113 °F
	Relative Humidity	5%~95% None Condensation
	Altitude	<2000m/6562f6
	IP Rating	IP54
	Cooling Method	Individually Temperature-controlled Interior Air Conditioning
	Fire Protection System	Fire Suppression Tubes
	Communication MSethod	Net
	Dimension	Approx.1200*1200*2150mm
	Weight	Approx.2000kg

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