







Multiple Protection Smart BMS For Safe Operation



Built-in BMS Protection



Overcharge protection



Overdischarge protection



Overcurrent protection



Short circuit protection



Cell voltage self balance



BUILT-SMART BMS



Overcharge
Protection



Over discharge
Protection



Short Circit
Protection



High/Low
Temp Protection



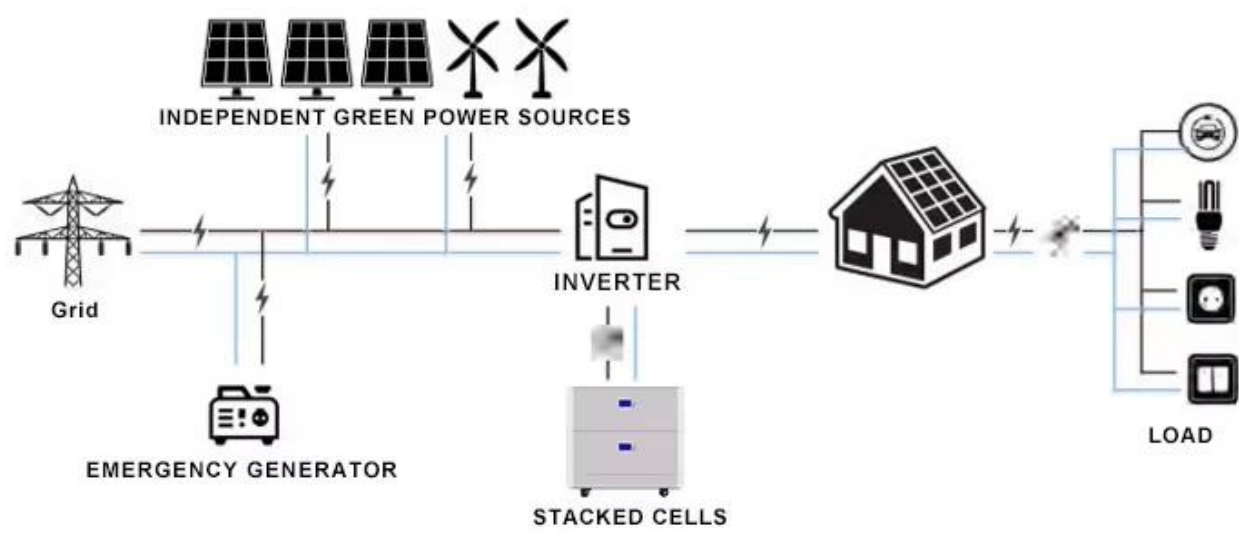
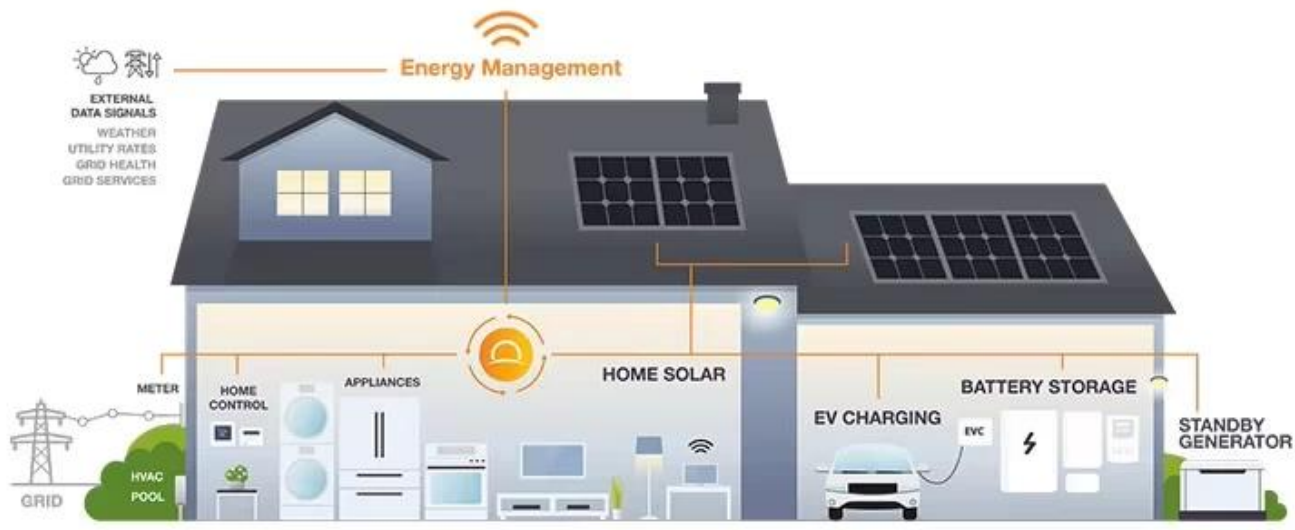
Overcurrent
Protection



Equalizing
Voltage

BMS

Charging solution



Energy Management System (EMS) Performance Metrics

	Parameter	Value	Unit
System Performance	System Capacity	51.2	kWh
	System Efficiency	100Ah	
	System Voltage	58.4	V
	System Current	40	A
	System Power	100A	
	System Frequency	100A	
	System Impedance	≤25mΩ	
	System Temperature	≤25mΩ	
Battery Performance	Battery Capacity	58.4	kWh
	Battery Efficiency	40	A
	Battery Voltage	100A	
	Battery Current	100A	
	Battery Power	100A	
	Battery Temperature	-25°C~70°C	

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	環境 環境 環境 環境 環境	-20℃~55℃	
	環境 環境	95%	
	環境 環境	70kPa-106kPa	
環境	環境	47±3% 環境	環境 環境
	環境	3±53 環境 環境	環境 環境
	Shell Marital: 環境 環境	環境 環境 環境	環境(環境 環境)
	環境	635x500x160±3mm	環境 環境 環境 環境