



Optional Customization Types

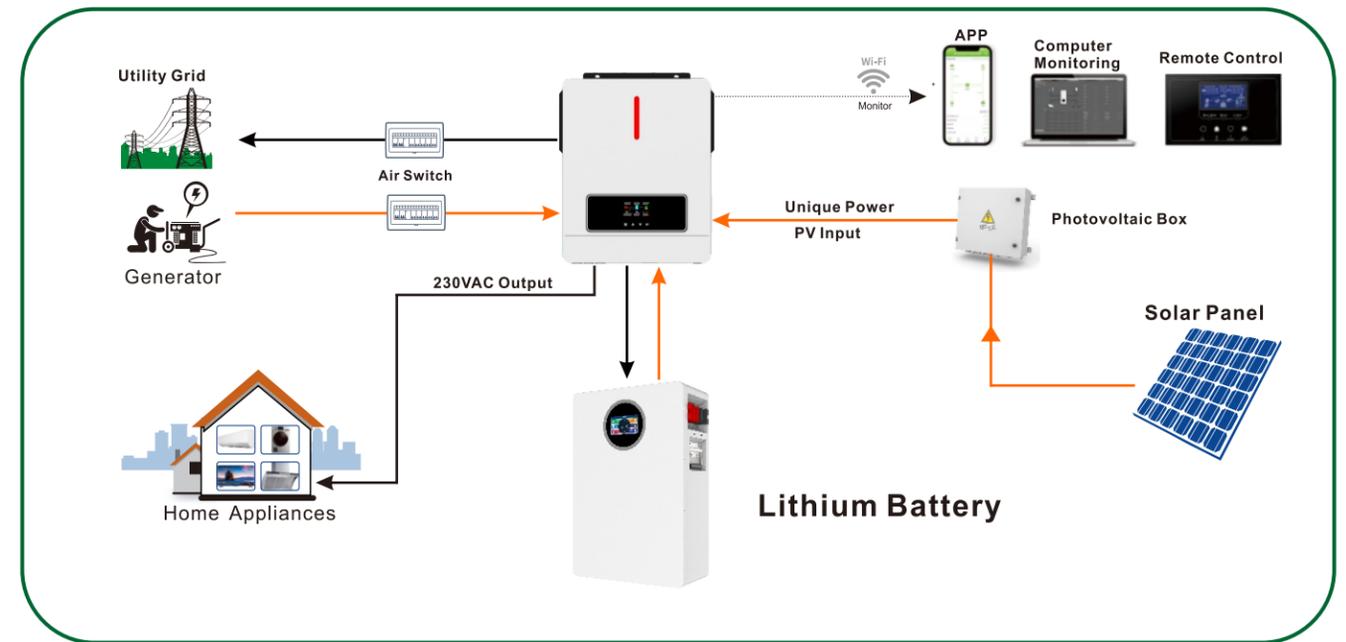
- Multiple Modes Of Operation
- Customized Logo
- Multiple Shell Colors
- Customized Capacity

Product Details



- Using safe and eco-friendly LiFePO4 battery, with MSDS, UN38.3, ROHS, IEC62619, UL
- Support for up to 16 batteries in parallel
- Focusing on the layout of the whole industrial chain of advanced lithium battery key materials, batteries battery management and system integration, it has core technology intellectual property rights
- Equipped with BMS Battery management system to intelligently manage and maintain each battery unit
- 6000+Cycle Life, intelligent balance
- The safest, environmentally friendly Lithium ion Phosphate technology
- Low power and no relay design, milliwatt standby loss
- Quality of vehicle specification, high quality battery
- Higher energy density and efficiency

System Diagram



Product Data Sheet

BATTERY			
MODEL	25.6V 100AH	25.6V 200AH	51.2V 100AH
Rated Voltage	25.6V		51.2V
Rated Capacity	100Ah	200Ah	100Ah
Rated Energy	2.56kWh	5.12kWh	5.12kWh
Output Voltage Range	21.6V~29.2V		43.2V~58.4V
Charging Voltage	28.8~29.2V		57.6~58.4V
Cut-off Voltage	21.6V		43.2V
Max. Charging Current	100A		
Recommended Charging Current	50A		
Max. Discharging Current	100A		
Efficiency	98%		
Dimension H*W*D(mm)	410*300*185	550*370*185	
Carton Dimension ,H*W*D(mm)	530*395*235	630*460*235	
Net Weight (kg)	25	45	
Gross Weight(kg)	26.5	47	
Humidity	5%~95% Relative humidity		
Charging Temperature	-20°C~65°C		
Discharging Temperature	-20°C~60°C		
Storage Temperature	-10°C~50°C		
Cycle Life	>6000 times(0.2C, @25°C, 80%DOD)		
Design Life	>10 years		
Operating Mode	Touchable Screen		



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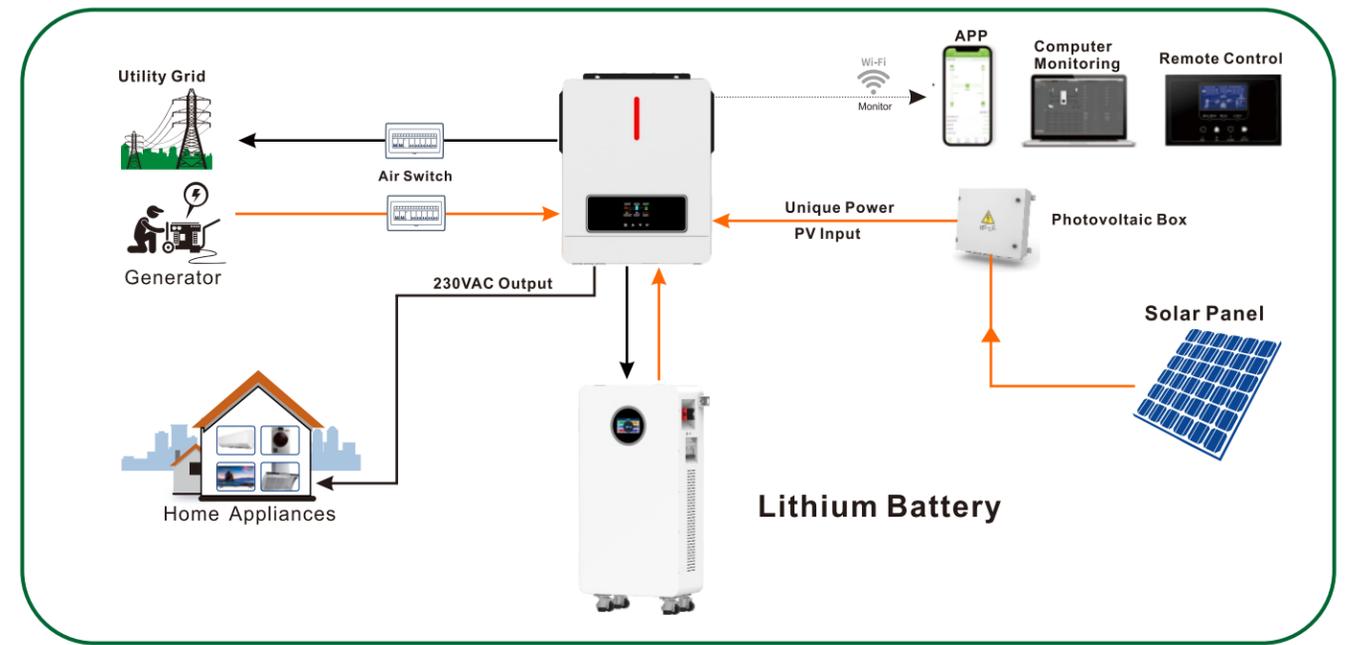
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-  Equipped with BMS Battery management system to intelligently manage and maintain each battery unit
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-  Support for up to 16 batteries in parallel
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-  Quality of vehicle specification, high quality battery
-  Focusing on the layout of the whole industrial chain of advanced lithium battery key materials, batteries battery management and system integration, it has core technology intellectual property rights
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System Diagram



Product Data Sheet

BATTERY				
MODEL	51.2V 200AH		51.2V 300AH	
Rated Voltage	51.2V			
Rated Capacity	206Ah	280Ah	300Ah	314Ah
Rated Energy	10.24kWh	14.336kWh	15.36kWh	16.076kWh
Output Voltage Range	43.2V~58.4V			
Charging Voltage	57.6~58.4V			
Cut-off Voltage	43.2V			
Max. Charging Current	200A			200A
Recommended Charging Current	50A			50A
Max. Discharging Current	200A			200A
Efficiency	98%			
Dimension H*W*D(mm)	750*415*235		895*415*235	
Carton Dimension ,H*W*D(mm)	760*505*420		980*495*440	
Net Weight (kg)	89			120
Gross Weight(kg)	115			142
Humidity	5%~95% Relative humidity			
Charging Temperature	-20°C~65°C			
Discharging Temperature	-20°C~60°C			
Storage Temperature	-10°C~50°C			
Cycle Life	>6000 times(0.2C, @25°C, 80%DOD)			
Design Life	>10 years			
Operating Mode	Press Button			Touchable Screen