

A Global Leading Lithium Ion
Battery Energy Storage Solutions Provider



CATALOGUE



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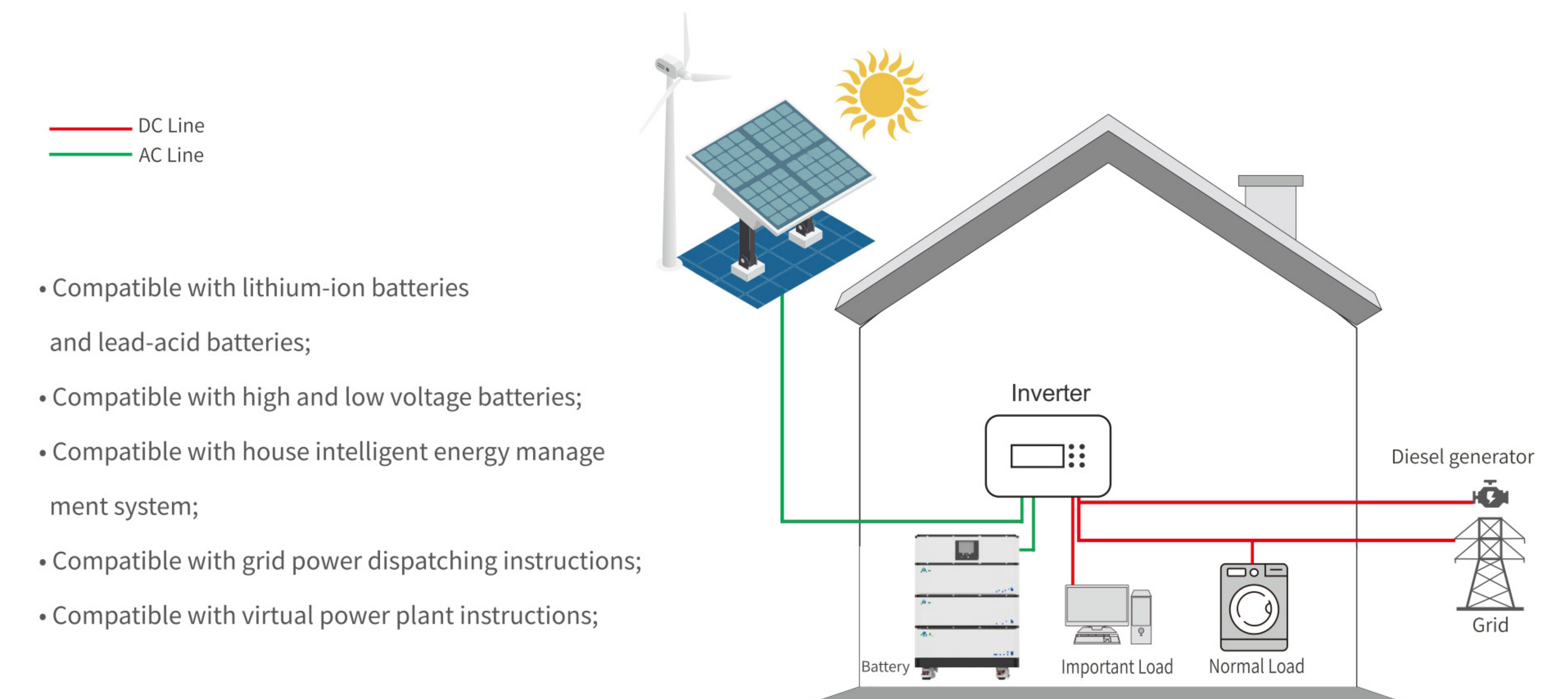
NEW ENERGY

Green Energy For A Better Life

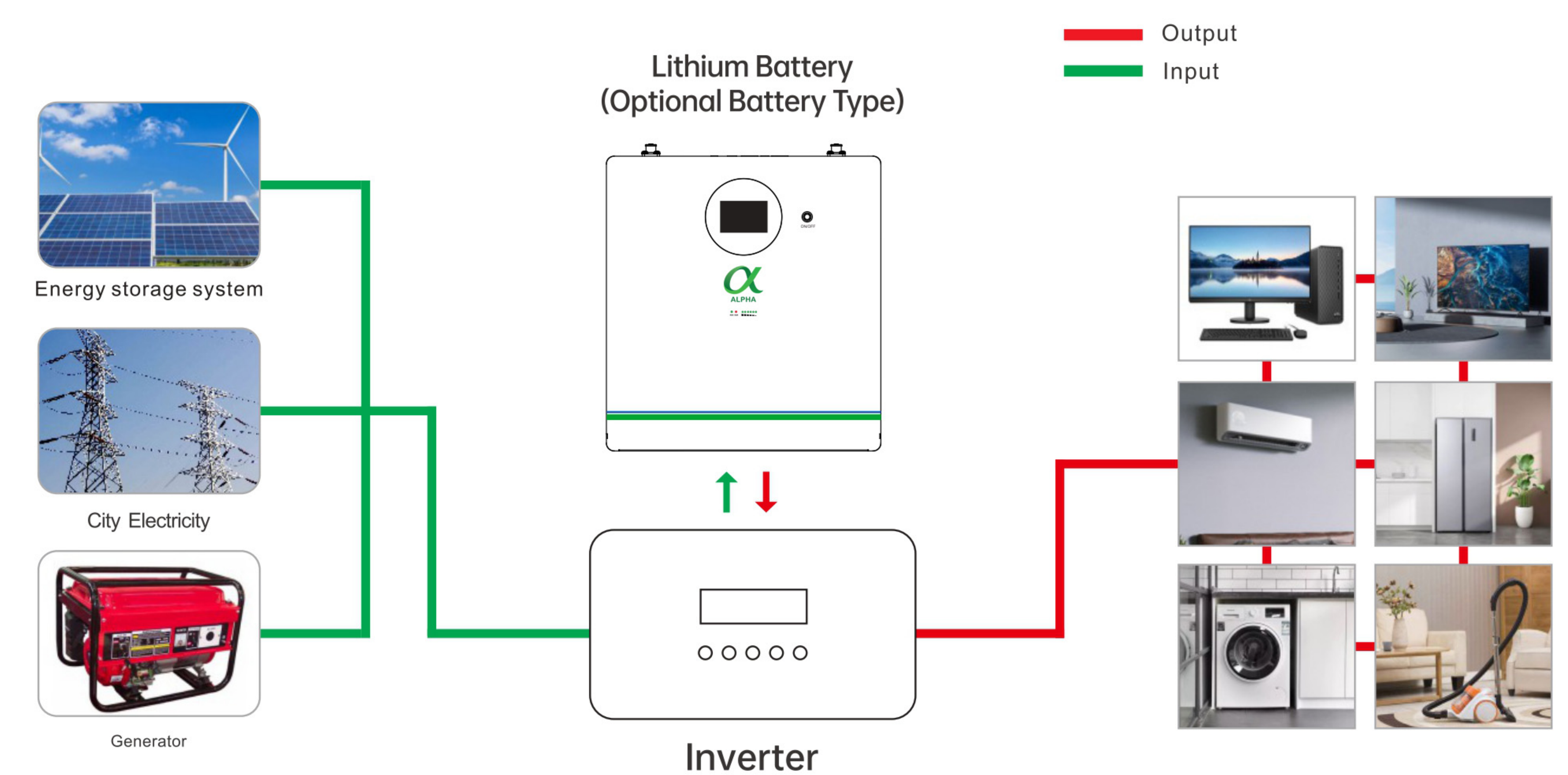
Residential ESS Series

Residential Energy Storage

Based on the low-carbon concept, and thanks for the competitiveness of the energy storage technology, the residential application of PV+ESS will be gradually realized in developed areas. Megarevo residential hybrid system solutions can quickly respond to EMS dispatching instructions, and form an intelligent and friendly power supply system with rooftop PV, making electricity safer. Megarevo system is designed to operate perfectly with the grid to realize uninterrupted power supply for the users.



Application Process



Residential ESS Series

All-In-One ESS



RPES-SMAIO1

Rated Voltage	51.2V	51.2V
Rated Capacity	100A	200A
Rated Energy	5.12kWh	10.24kWh
Rated output Voltage	230V/50Hz	120V/60Hz
Rated output Power	5KW	
Max. Peak Power	10KVA	
Max. AC Charge Power	3150W	2100W
Input Voltage Range	90~280V	90~140V
Overload Current	35A	55A
Battery voltage/Range	46.7~57V	
Dimension L*W*H(mm)	600*185*1100	600*185*1600
Weight (kg)	≈80	≈125
Humidity	5%~85%	
Charging Temperature	0°C~55°C	
Discharging Temperature	-20°C~60°C	
Storage Temperature	-10°C~30°C	
Cycle Life	>6000 times (0.2C, @25°C, 80%DOD)	
Design Life	>10 years	

Optional Customization Types

Independent Module

Customized Logo

Multiple Shell Colors

Customized Capacity

Product Details



- Cobalt-Free Lithium Iron Phosphate Battery(LFP) with safety. Longer lifespan,high power & energy density,light weight
- Integrated with off-grid inverter and built-in BMS to avoid communication compatibility issues
- Fast plug-in & plug-out with simple connection, easy installation & maintenance
- LCD display show the information about the equipment within real time for fast monitoring

Optional Customization Types

Touchable Screen

Customized Logo

Multiple Shell Colors

Customized Capacity

Product Details



- Cobalt-Free Lithium Iron Phosphate Battery(LFP) with safety longer lifespan & energy density, light weight
- Integrated with off-grid inverter, battery built-in BMS to avoid communication compatibility problem
- Modular flat design,ground-mounted, saving installation space, easy maintenance
- LCD display show the information about the equipment within real time for fast monitoring

RPES-GMAIO2

Rated Voltage	51.2V	51.2V
Rated Capacity	100A	200A
Rated Energy	5.12kWh	10.24kWh
Rated output Voltage	230V/50Hz	120V/60Hz
Rated output Power	5KW	
Max. Peak Power	10KVA	
Max. AC Charge Power	3150W	2100W
Input Voltage Range	90~280V	90~140V
Overload Current	35A	55A
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