



Stacked energy storage plus inverter all-in-one machine

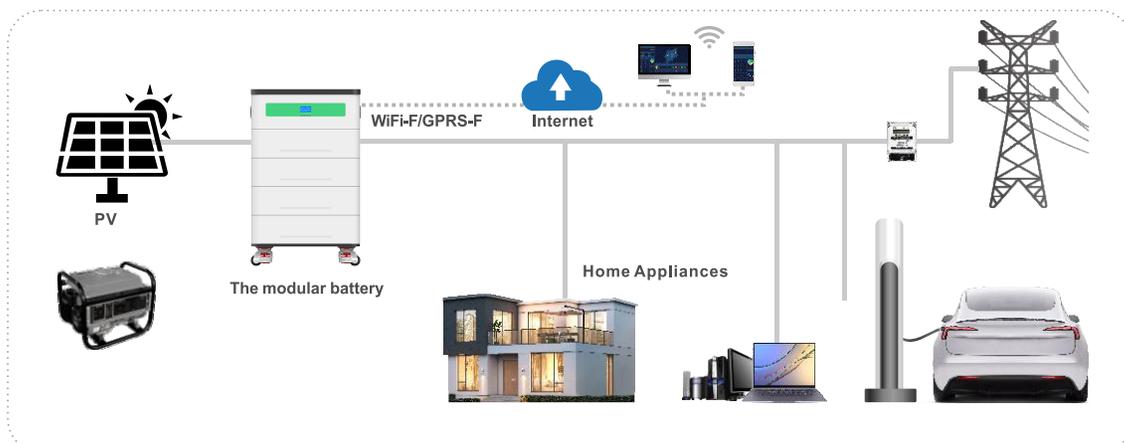
**10-20KWh-battery**  
**5KW inverter**

## PRODUCT FEATURE

-  Can be used in parallel with multiple units, quick plug for easy expansion
-  Natural cooling reduces the power consumption of the entire model
-  A-grade battery cells are selected, and the service life is up to 10 years
-  The modular design is easy to install and easy to maintain

-  Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit.
-  Cloud monitoring service, 24 hours to grasp the battery situation at any time
-  The unique vertical standing design, the moving pulley is easy to move
-  Large capacity, high circulation, safe and stable

## Solar System Connection



Product model	DCA 502	DCA 503	DCA 504	
Rated voltage	51.2V			
Rated capacity	200Ah	300Ah	400Ah	
Rated energy	10240Wh	15360Wh	20480Wh	
Weight	80Kg	160Kg	240Kg	
Dimensions(L*W*H)	610*440*665±4mm	610*440*825±4mm	610*440*985±4mm	
Standard charge current	100A	150A	200A	
Standard discharge current	100A	150A	200A	
Max. charging current	100A	200A	200A	
Max. discharging current	100A	200A	200A	
Peak charging current	110A(3S)	220A (3S)	220A (3S)	
Peak discharging current	110A(3S)	220A (3S)	220A (3S)	
Breaker Current	120A	400A	400A	
Battery type	LFP			
Life time(25°C)	20 Years			
Life cycle ( 80% DOD,0.5C,25°C )	8000Cycles	8000Cycles	8000Cycles	
Max. charging voltage	57.6V			
Over discharge voltage	40V			
Max. number of parallel	16			
Communication interfaces	CAN/RS485/USB/Bluetooth			
Lithium Battery Standard	UN38.3/MSDS/DGM/CE			
Storage time /temperature	6 months@25°C;3 months @35°C;1 months @45°C;			
Charging temperature range	0~55°C	0~45°C	0~55°C	0~45°C
Discharging temperature range	-10~55°C	-10~45°C	-10~55°C	-10~45°C
Cooling method	Natural cooling			
Enclosure protection rating	IP55			

Inverter size: 610\*440\*225mm Weight:22Kg