

RESIDENTIAL STACKABLE ESS SOLUTIONS

ALL-IN-ONE SOLUTION

1 – 50 kwh

MAX
15PCS

PARALLEL



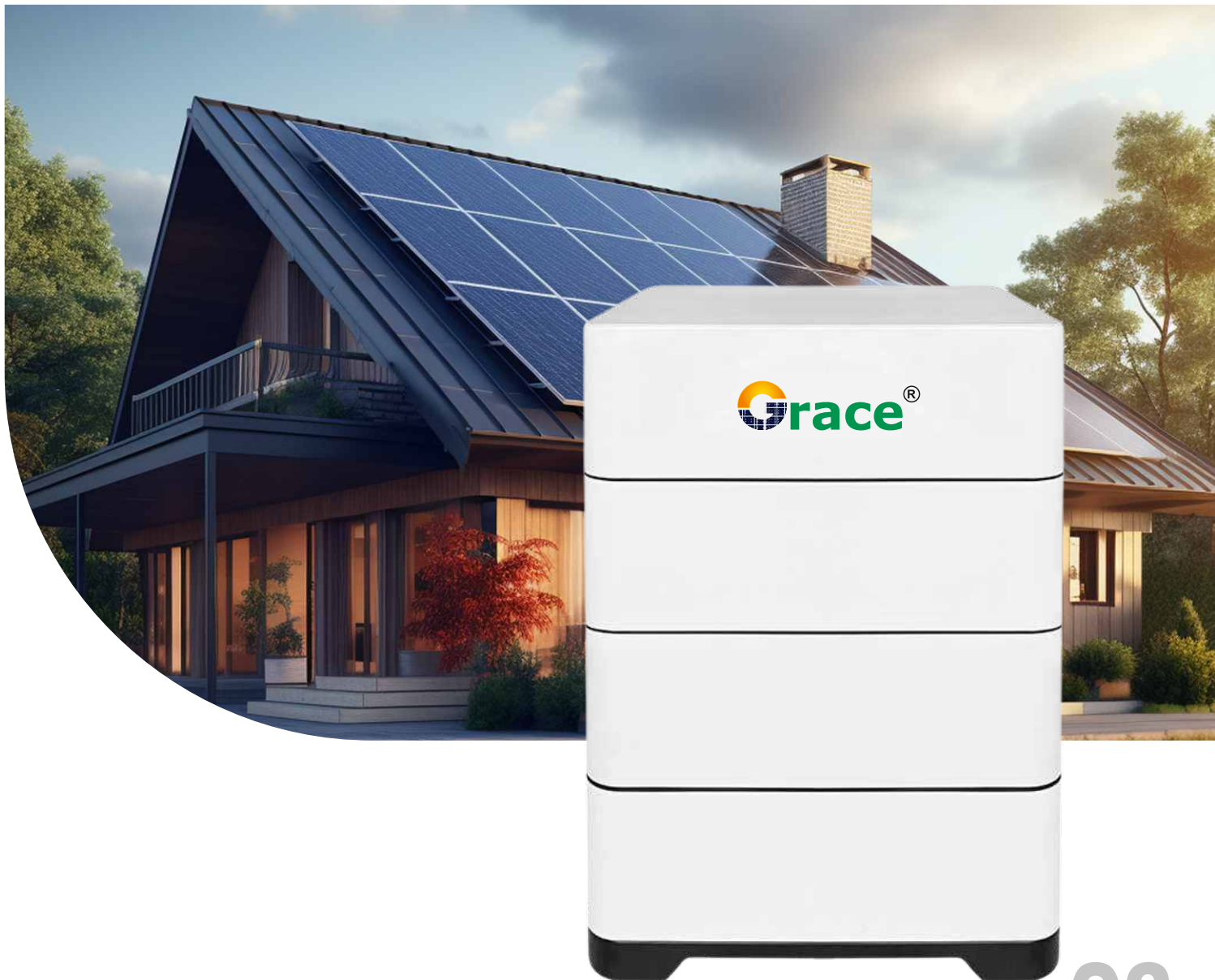
MODULAR



COMMUNICATION



OEM/ODM



02

Model	GRE48100		GRE48200	
Specification	48V100Ah	51.2V100Ah	48V230Ah	51.2V230Ah
Combination	15S1P	16S1P	15S1P	16S1P
Capacity	4.8KWh	5.12KWh	11.04KWh	11.77KWh
Standard discharge current	50A	50A	50A	50A
Max. discharge current	100A	100A	100A	100A
Working voltage range	42-53.25VDC	44.8-56.8VDC	42-53.25VDC	44.8-56.8VDC
Standard Voltage	48VDC	51.2VDC	48VDC	51.2VDC
Max. charging current	50A	50A	100A	100A
Max. charging voltage	53.25V	56.8V	53.25V	56.8V
Cycle	3000~6000cycles @DOD 80%/25°C/0.5C			
Working humidity	65±20%RH			
Operating temperature	-10~+50°C			
Working altitude	≤2500m			
Cooling method	Natural cooling			
Installation	Stack installation			
Protection level	IP65			
Max of parallel	15PCS			
Warranty	5~10 Years			
Communication	Default: RS485/RS232/CAN Optional: WiFi/4G/Bluetooth			
Certified	CE ROHS FCC UN38.3 MSDS / IEC 62619:2022			
Product Size	400*200*460mm		400*240*460mm	
Package Size	460*230*545mm		460*270*545mm	
Net weight	50kg	53kg	102kg	106kg
Gross weight	55kg	58kg	112kg	116kg

*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs

