

COMMERICAL & INDUSTRIAL ESS

30kwh – 1mwh



MODULAR



HIGH VOLTAGE
MATCHING



COMMUNICATION



INTELLIGENT



Product Model	GRE-EL372P2-DC	GRE-EL418P2-DC
Battery Side		
Cell Capacity	280Ah	314Ah
Cell Configuration	1P260S	
Nominal Voltage	1,331.2V	
Operating Voltage Range	1,164.8 - 1,497.6V	
Nominal Capacity	372.736kWh	417.997kWh
Supported Charge & Discharge Rate	≤ 0.5C	
Protection		
Overvoltage Protection	Yes	
Overcurrent Protection	Yes	
Short-circuit Protection	Yes	
Over-temperature Protection	Yes	
General Data		
Max. Efficiency	≥ 94% (Excluding self consumption)	
Operating Temperature Range	-20 to 50°C	
Operating Humidity Range	0 - 95%RH	
Noise	≤ 75dB	
Dimensions (W*H*D)	1420*2300*1350mm	
Weight	3,200kg	3,500kg
Protection Degree	IP55	
Cooling Method	Liquid Cooling	
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning	
Max. Operating Altitude	≤ 2,000m	
Networking Mode	LAN	

Product Model	GRE-EL232P2-G1	GRE-EL261P2-G1
AC Side		
Nominal AC Active Power	105kW	125kW
Nominal AC Voltage	380 / 400V (-15% ~ 15%)	
Nominal AC Grid Frequency	50 / 60Hz (-2.5 ~ 2.5)	
AC Connection Method	3P+N+PE	
Max. Output Current	158A	212A
Adjustable Power Factor Range	0.99 / -1~1	
Max. Total Harmonic Distortion (THDi)	≤3%	
Efficiency Response Time	< 20ms	
Battery Side		
Cell Capacity	280Ah	314Ah
Cell Configuration	1P260S	
Nominal Voltage	832V	
Operating Voltage Range	728 ~ 936V	
Nominal Capacity	232.96kWh	261.248kWh
Supported Charge & Discharge Rate	≤ 0.5C	
Protection		
Overvoltage Protection	Yes	
Overcurrent Protection	Yes	
Short-circuit Protection	Yes	
Over-temperature Protection	Yes	
General Data		
Max. Efficiency	≥ 90% (Excluding self consumption)	
Operating Temperature Range	-20 to 50°C	
Operating Humidity Range	0 - 95%RH	
Noise	≤ 75dB	
Dimensions (W*H*D)	1000*2400*1350mm	
Weight	2,500kg	
Protection Degree	IP55	
Cooling Method	Liquid Cooling	
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning	
Max. Operating Altitude	≤ 2,000m	
Networking Mode	WiFi / LAN / 4G	
Display	Touch Screen	