

UTILITY SCALE ESS

1mwh – 5mwh



MODULAR



EASY O&M



COMMUNICATION



INTELLIGENT



Product Model	GRE-EL3000P2-DC	GRE-EL4000P2-DC	GRE-EL5000P2-DC
Battery Side			
Cell Capacity	280Ah	280Ah	314Ah
Cell Configuration	10P416S	12P416S	12P416S
Nominal Voltage	1,331.2V		
Operating Voltage Range	1,164.8 ~ 1,497.6V		
Nominal Capacity	3727.36kWh	4472.832kWh	5015.96kWh
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)	2850*2896*6058mm	2850*2896*6800mm	2850*2896*6800mm
Weight	32T	42T	52T
Protection Degree	IP55		
Cooling Method	Liquid Cooling		
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning		
Max. Operating Altitude	≤ 2,000m		
Networking Mode	LAN		

