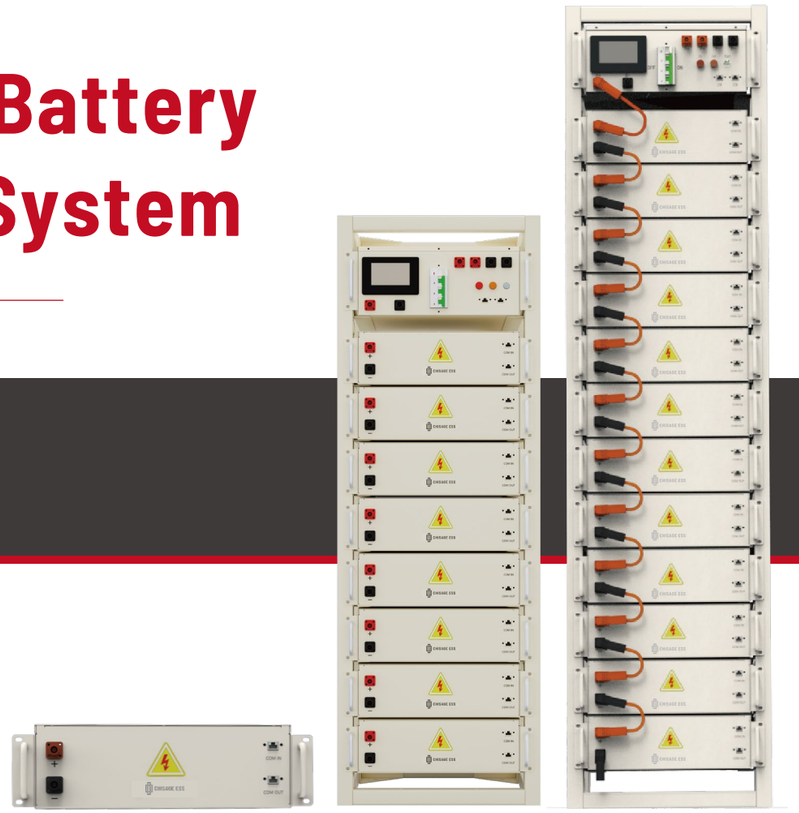
Lithium Battery Cluster System

CAL5-RH
CAL40/60-RH



Product Features

- Longer life cycles
- Higher power density
- Max. 1C discharge current
- Higher usable energy ratio, less self-consumption
- Contains no toxic heavy metal or caustic materials
- Up to 4 clusters can be parallel connected

Technical Data

Model	CAL5-RH
Connection Style	16S
Nominal Energy (Wh)	5,120
Nominal Capacity (Ah)	100
Nominal Voltage (V)	51.2
Operation Voltage Range (V)	44.8~57.6
Recommend Charge Current (A)	50
Max. Discharge Current (A)	50
Recommend Discharge Current (A)	50
Max. Continuous Discharge Current (A)	100
Operation Temperature	Charge Temperature: 0°C~60°C Discharge Temperature: -20~60°C
Operation Humidity	20~80%RH (No condensing)
Protection Degree	IP20
Dimension (mm)	416W x 136H x 546D (Without ear and handle)
Net Weight (kg)	45
Installation	Rack mounted
Certification	/
Communication	Cascade
Cycle Life	6,000≥80%DOD, 70%EOL@25°C/0.5C

Model	CAL40-RH	CAL60-RH
Connection Style	128S	192S
Nominal Energy (KWh)	40.9	61.44
Nominal Capacity (Ah)	100	
Nominal Voltage (V)	409.6	614.4
Operation Voltage Range (V)	358.4~460.8	537.6~691.2
Recommend Charge Current (A)	50	
Max. Continuous Charge Current (A)	50	
Recommend Discharge Current (A)	50	
Max. Discharge Current (A)	100	
Max. Parallel Quantities (system)	4	
Operation Temperature	Charge Temperature: 0°C~60°C Discharge Temperature: -20~60°C	
Operation Humidity	20~80%RH (No condensing)	
Protection Degree	IP20	
Dimension (mm)	520W x 2,070H x 566D	
Net Weight (kg)	424	618
Certification	IEC62619, CE-EMC, LVD, ROHS, UN38.3	
Communication	CAN, RS485	
Cycle Life	6,000≥80%DOD, 70%EOL@25°C/0.5C	