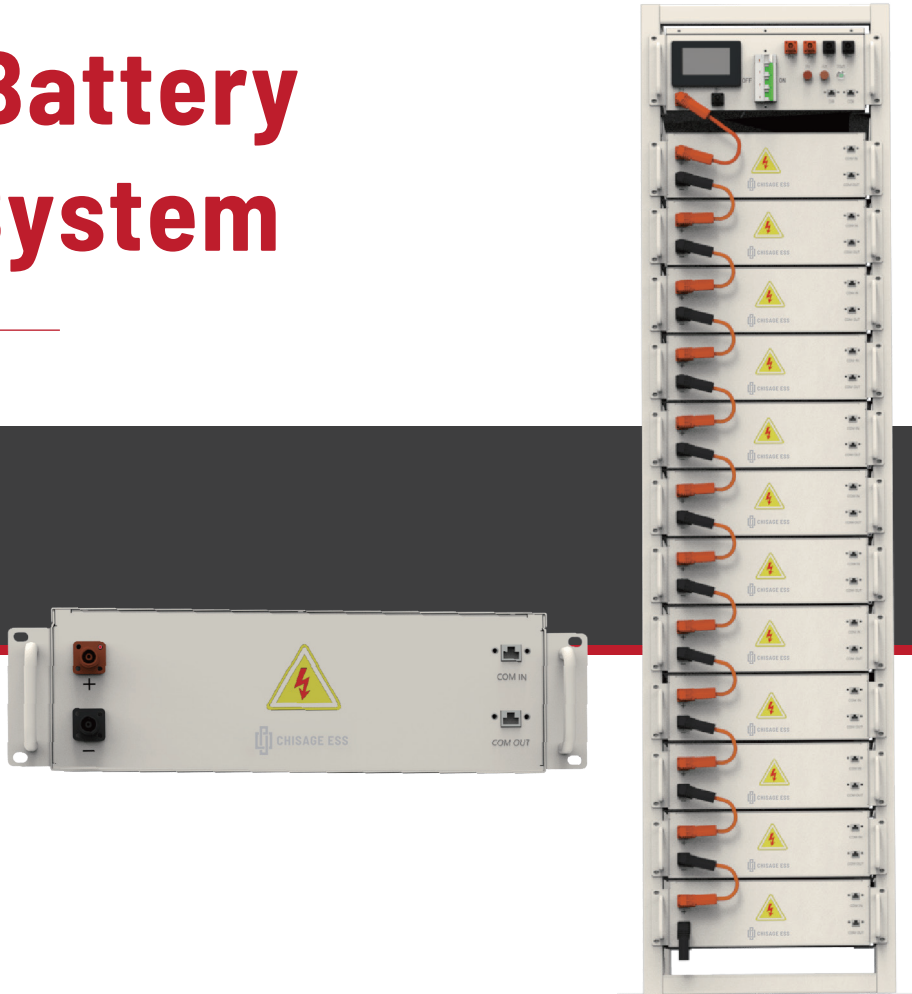


Lithium Battery Cluster System

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 20 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. Continuous Charge Current (A)	100
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)	100	
Recommend Discharge Current (A)	50	
Max. Continuous Discharge Current (A)	100	
Max. Parallel Quantities (system)	20	
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	