

iDeye

SMALL-SCALE C&I ESS SOLUTION

DEYE SUMMER GE SERIES



Total Protection

Combustible gas, smoke and temperature detection
Active exhaust system
Fire alarm



Integrated Technology

EMS, hybrid inverter and BMS integration technology
Power supply redundancy design
Support for black start function, off-grid operation



Flexible Extension

Support battery expansion a maximum capacity of 3600kWh
(Off-grid)



Safety Protection

Lithium iron phosphate (LFP) batteries, battery packs and systems
all use aerosol fire suppression solutions

Small-Scale C&I Battery Cabinet



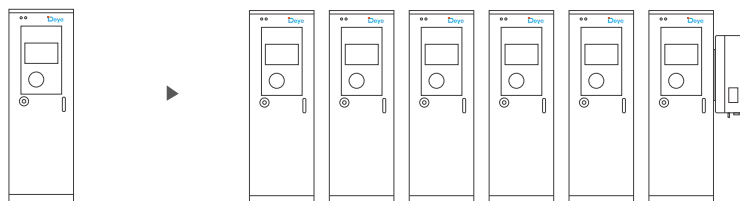
Model		GE-FL60	GE-FH60
Main Parameter			
Cell Chemistry		LiFePO ₄	
Module Energy (kWh)		5.12	
Module Nominal Voltage (V)		51.2	
System Capacity (Ah)		200	100
Battery Module Qty In Series		6	12
System Nominal Voltage (V)		307.2	614.4
System Operating Voltage (V)		268.8 ~ 350.4	480 ~ 700
System Energy (kWh)		61.44	
System Usable Energy (kWh)		55.29	
Rated DC Power		61.44	
Charge / Discharge Current (A)	Recommend	50	
	Nominal	100	
	Peak Discharge (2 mins, 25°C)	125	
Status Indicator		Green: Battery System Running Red : Battery System Alarm	
Communication Port		CAN2.0 / RS485	
Humidity		5% ~ 85%RH	
Altitude		≤2000m	
IP Rating of Enclosure		IP55	
Dimension (W × D × H, mm)		735 × 1045 × 2235	
Weight Approximate (kg)		1015	
Installation Method		Floor-Mounted	
Storage Temperature (°C)		0 ~ 35	
Operating Temperature (°C)		-30 ~ 60 (>45 derating)	
Recommend Depth of Discharge		90%	
Cycle Life		≥6000 (25±2°C, 0.5C / 0.5C, EOL70%)	
Warranty		10 years	
Certification		UN38.3, UL1973, UL9540A, UL9540	

Small-Scale C&I Battery Cabinet



Model		GE-FL120-BC-4	GE-FH120-BC-4
Main Parameter			
Cell Chemistry		LiFePO ₄	
Module Energy (kWh)		5.12	
Module Nominal Voltage (V)		51.2	
System Capacity (Ah)		400	200
Battery Module Qty In Series		6	12
System Nominal Voltage (V)		307.2	614.4
System Operating Voltage (V)		268.8 ~ 350.4	480 ~ 700
System Energy (kWh)		122.8	
System Usable Energy (kWh)		110.52	
Rated DC Power		61.44	
Charge / Discharge Current (A)	Recommend	50	
	Nominal	100	
	Peak Discharge (2 mins, 25℃)	125	
Status Indicator		Green: Battery System Running Red : Battery System Alarm	
Communication Port		CAN2.0 / RS485	
Humidity		5% ~ 85%RH	
Altitude		≤3000m	
IP Rating of Enclosure		IP55	
Dimension (W × D × H, mm)		1062 × 1045 × 2235	
Weight Approximate (kg)		1800	
Installation Method		Floor-Mounted	
Storage Temperature (°C)		0 ~ 35	
Operating Temperature (°C)		-30 ~ 55 (>45 derating)	
Recommend Depth of Discharge		90%	
Cycle Life		≥6000 (25±2℃, 0.5C / 0.5C, EOL70%)	
Warranty		10 years	
Certification		UN38.3, UL1973, UL9540A, UL9540	

Product Expansion



6 × FL60+30kW Inverter

Maximum 6 DC parallel-connected units

6 × FH60+60kW Inverter

Maximum 6 DC parallel-connected units

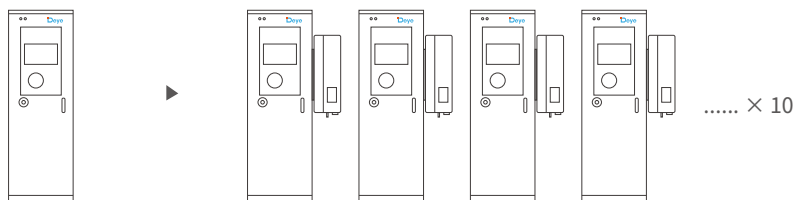


(6 × FL60 / FH60+30kW / 60kW Inverter) × 10

Maximum 10 groups AC parallel

FL60 combination : 300kW / 3600kWh

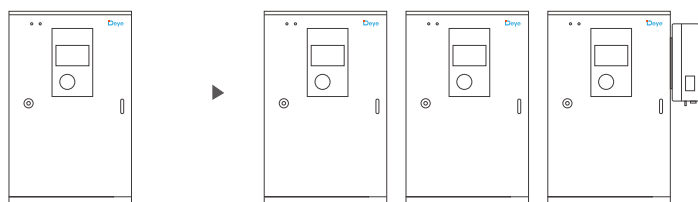
FH60 combination : 600kW / 3600kWh



(FL60 / FH60+30kW / 60kW Inverter) × 10

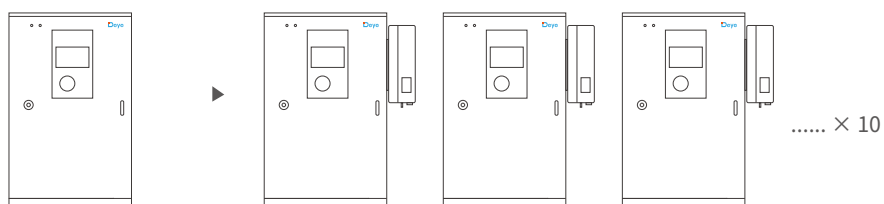
Maximum 10 groups AC parallel

Up to: 600kW/600kWh



3 × F120+60kW Inverter

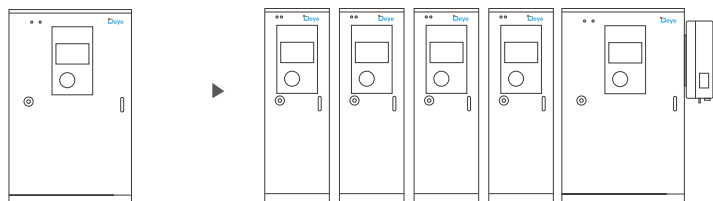
Maximum 3 DC parallel-connected units



(F120+60kW Inverter) × 10

Maximum 10 groups AC parallel

Up to: 600kW/1200kWh



F120+60kW Inverter (4 × FH60)

FH60 combination : 60kW / 360kWh