

# SMALL-SCALE C&I ESS SOLUTION

DEYE SUMMER **GE SERIES**



## Total Protection

- Combustible gas, smoke and temperature detection, active exhaust system, and fire alarm.



## Safety Protection

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



## 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 )

**5 Level**

Extreme safety protection

**≥6000**

Cycles

**10 Years**

warranty

**70%**

EOL



Model		GE-F60
<b>Main Parameter</b>		
Cell Chemistry		LiFePO <sub>4</sub>
Module Energy ( kWh )		5.12
Module Nominal Voltage ( V )		51.2
Module Capacity ( Ah )		100
Battery Module Qty In Series		12
System Nominal Voltage ( V )		614.4
System Operating Voltage ( V )		480 ~ 700
System Energy ( kWh )		61.44
System Usable Energy ( kWh ) <sup>1</sup>		61.44
Rated DC Power		61.44
Charge / Discharge <sup>2</sup> Current (A)	Recommend	50
	Nominal	100
	Peak Discharge ( 2 mins, 25°C )	125
Status Indicator		Yellow : Battery High Voltage Power On    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 )		783 × 1059 × 2235
Weight Approximate ( kg )		1070
Installation Method		Floor-Mounted
Storage Temperature ( °C )		0 ~ 35
Operating Temperature ( °C )		-30 ~ 60 ( >45 derating )
Recommend Depth of Discharge		100%
Cycle Life		≥6000 ( 25±2°C, 0.5C / 0.5C, EOL70% )
Warranty <sup>3</sup>		10 years
Certification		UN38.3 / CB / CE / CEC / IEC 62040

1. DC Usable Energy, test conditions : 100% DOD, 0.3C charge & discharge at 25°C.

System usable energy may vary due to system configuration parameters.

2. The current is affected by temperature and SOC.

3. The warranty is due whichever reached first of warranty period or life cycle power.

4. Made in China.

For Small-scale Commercial&Industrial

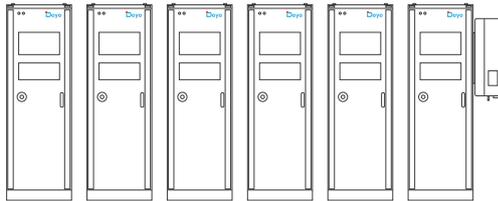
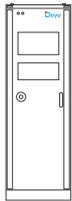
Farm

Mall or Shop

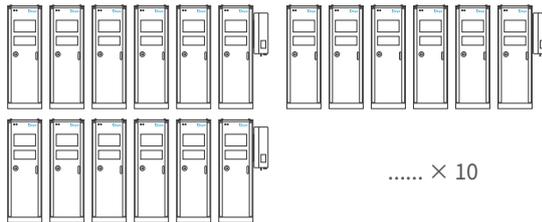
Factory



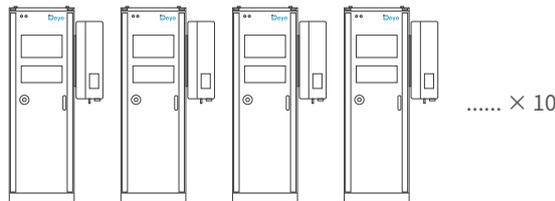
Product Expansion



**6 × F60+50kW Inverter**  
 Maximum 6 DC parallel-connected units  
 Up to : 50kW / 360kWh



**( 6 × F60+50kW Inverter ) × 10**  
 Maximum 10 groups AC parallel  
 Up to : 500kW / 3600kWh



**( F60+50kW Inverter ) × 10**  
 Maximum 10 groups AC parallel  
 Up to : 500kW / 600kWh



Supporting the establishment, data acquisition, data monitoring, one-stop operation maintenance and after-sales service of all new energy power stations.

Through the Deye smart cloud big data platform, all types of power stations with transparent management which improves the value of power stations comprehensively.

**CONNECT, MONITOR, CONTROL**

Seamlessly integrated with Deye devices for a smarter, more efficient energy experience.

- User-friendly interface demystifies complex settings.
- Clear menu hierarchy, key information at your finger tips.

