

# SMALL-SCALE C&I ESS SOLUTION

DEYE SUMMER **GE SERIES**



### Total Protection

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



### Integrated Technology

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



### Safety Protection

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



### 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><br>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

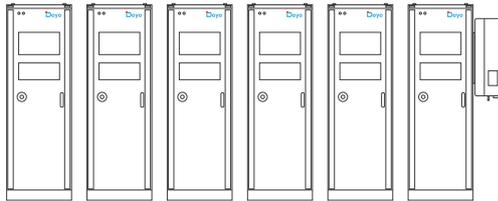
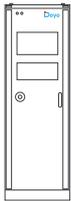
Farm

Mall or Shop

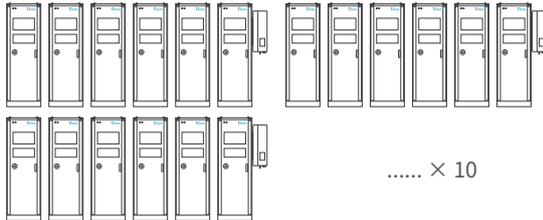
Factory



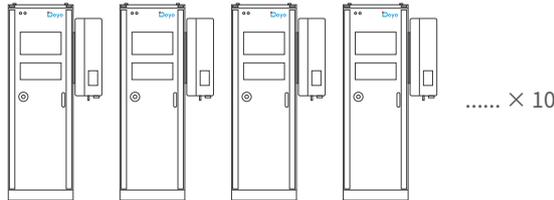
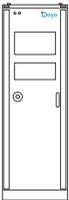
Product Expansion



**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.

