



# ORION E OUTDOOR C&I ESS SOLUTION

GE-F240 Series Outdoor Battery Cabinet

+

SUN-50~125K Hybrid Inverter



## Ultimate Protection, Continuing "0" safety accidents

- **Six-dimensional** safety design, eliminating the risk of fire and explosion  
**D1 electrical isolation + D2 fire detection + D3 active exhaust + D4 explosion venting + D5 fire suppression + D6 Thermal isolation**
- High-intensity cabinet, **unique patented door latch design**, eliminates structural weak points
- **Hour-level fire resistance**, prevent heat spread



## Highly Integrated, Plug and play, no debugging required

- Outer cabinet wall preset inverter bracket installation position, **no wall bearing concerns, no need to drill**
- **Hybrid inverter**, covering PV, grid, load, generator, and battery interfaces
- Single cabinet can easily deploy **PV+ESS, PV+ESS+DG**



## Stable Efficient, Excellent performance ensures returns

- Long-life lithium iron phosphate battery, **≥ 8000 cycles**
- High-efficiency thermal management, **no derating at 45°C**, cell temperature difference **≤6°C**
- Up to **200%** PV over-matching access



## Intelligent Management, Flexible adaptation and expansion

- Self-developed **"3S"(EMS+PCS+BMS)**, full-system Intelligent Control
- Single cabinet can be configured with a **2/3/4h system of 50~125kW**, up to **10 units** AC-side on/off-grid parallel or **10 units** DC-side battery parallel
- Integrated energy platform, **24/7 AI** smart customization of optimal power usage strategies

# GE-F240 Series Outdoor Battery Cabinet

| GE-F240 Series                            |                                                 |           |                                                        |                 |                 |                 |
|-------------------------------------------|-------------------------------------------------|-----------|--------------------------------------------------------|-----------------|-----------------|-----------------|
| Model                                     | GE-F176-BC-2-A3                                 |           | GE-F192-BC-2-A3                                        | GE-F208-BC-2-A3 | GE-F224-BC-2-A3 | GE-F240-BC-2-A3 |
| Main Parameters                           |                                                 |           |                                                        |                 |                 |                 |
| Cell Type                                 | LiFePO <sub>4</sub>                             |           |                                                        |                 |                 |                 |
| Module Capcity (Ah)                       | 314                                             |           |                                                        |                 |                 |                 |
| Module Nominal Voltage (Vdc)              | 51.2                                            |           |                                                        |                 |                 |                 |
| Module Energy (kWh)                       | 16.08                                           |           |                                                        |                 |                 |                 |
| Module Qty In Series                      | 11                                              | 12        | 13                                                     | 14              | 15              |                 |
| System Nominal Energy (kWh)               | 176.84                                          | 192.92    | 208.99                                                 | 225.07          | 241.15          |                 |
| System Usable Energy (kWh) <sup>*1</sup>  | 176.84                                          | 192.92    | 208.99                                                 | 225.07          | 241.15          |                 |
| System Nominal Voltage (Vdc)              | 563.2                                           | 614.4     | 665.6                                                  | 716.8           | 768             |                 |
| System Operating Voltage (Vdc)            | 440~642.4                                       | 480~700.8 | 520~759.2                                              | 560~817.6       | 600~876         |                 |
| Rated DC Power (kW)                       | 88                                              | 96        | 104                                                    | 112             | 121             |                 |
| Charge/Discharge Current(A) <sup>*2</sup> | Recommend                                       | 157       |                                                        |                 |                 |                 |
|                                           | Max. Continuous                                 | 180       |                                                        |                 |                 |                 |
|                                           | Peak discharge                                  | 285       |                                                        |                 |                 |                 |
|                                           | @15s/20~45°C                                    |           |                                                        |                 |                 |                 |
| Other Parameters                          |                                                 |           |                                                        |                 |                 |                 |
| Fire Protection System                    | Aerosol and Water fire interface                |           | CO gas detection, Active exhaust and Explosion venting |                 |                 |                 |
| Cooling Method                            | Smart Air Conditioner                           |           |                                                        |                 |                 |                 |
| Communication Port                        | CAN, RS485                                      |           |                                                        |                 |                 |                 |
| Communication protocol                    | CAN2.0, Modbus485                               |           |                                                        |                 |                 |                 |
| Operating Temperature(°C) <sup>*3</sup>   | -30~55                                          |           |                                                        |                 |                 |                 |
| Recommend Storage Temperature(°C)         | 0~35                                            |           |                                                        |                 |                 |                 |
| Humidity                                  | 5% ~ 95%RH (No Condensing)                      |           |                                                        |                 |                 |                 |
| Altitude                                  | 3000m                                           |           |                                                        |                 |                 |                 |
| IP Protection                             | IP55                                            |           |                                                        |                 |                 |                 |
| Anti Corrosion Level                      | Standard: C4-M, customizable up to C5           |           |                                                        |                 |                 |                 |
| Dimension(W x D x H,mm)                   | 1303 x 1240 x 2405.5                            |           |                                                        |                 |                 |                 |
| Weight(kg)                                | 2150                                            | 2265      | 2380                                                   | 2495            | 2610            |                 |
| Installation Location                     | Floor mount                                     |           |                                                        |                 |                 |                 |
| Cycle Life                                | ≥8000 (25±2°C,0.5P,EOL70%)                      |           |                                                        |                 |                 |                 |
| Warranty                                  | 10 years                                        |           |                                                        |                 |                 |                 |
| Certification                             | UN38.3,CE,IEC62619,IE62477,IEC62933-5-2,UL9540A |           |                                                        |                 |                 |                 |

1. Test conditions : 100% DOD, 0.5P 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. Derated operation at > 45°C.

# GE-F256 Series Outdoor Battery Cabinet Accessories

## Power Distribution Unit



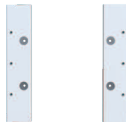
| Model                            | BOS-B-PDU-2-A                |
|----------------------------------|------------------------------|
| Operating Voltage                | 200~1000Vdc                  |
| Nominal Charge/Discharge Current | 180A                         |
| Operating Temperature            | -20~60° C                    |
| Ingress Protection               | IP20                         |
| AC Input Rating                  | 220±10%VAC/2A                |
| Details                          | 526×788.6×167.2(W×D×H), 32kg |

## Battery Pack



| Model                             | BOS-B-Pack16-A3                        |
|-----------------------------------|----------------------------------------|
| Nominal Capacity                  | 314Ah                                  |
| Nominal Energy                    | 16.08kWh                               |
| Nominal Voltage                   | 51.2Vdc                                |
| Max Charge/Discharge Current      | 180A                                   |
| Ingress Protection                | IP20                                   |
| Operating Temperature (Charge)    | 0 - 55° C                              |
| Operating Temperature (Discharge) | -20 - 55° C                            |
| Storage Temperature               | 0 - 35° C                              |
| Details                           | 526 × 795.9 × 274.2 (W × D × H), 116kg |

## Matching accessory pack

| Model        | Main Accessories                                                                    |                                                                                     |                                                                                     | Application                                            |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|
| GE-F256-AP-A |  |  |  | For inverters with single or dual battery ports < 100A |
|              | 3AWG_3000mm*2                                                                       | 3AWG_3000mm*2                                                                       | Communication Cable_3000mm                                                          |                                                        |
|              |  |  |                                                                                     |                                                        |
|              | Inverter Mounting Bracket                                                           | Cable Cover                                                                         |                                                                                     |                                                        |
| GE-F256-AP-C |  |  |  | For SUN-100/125K-PCS01HP3                              |
|              | 1AWG_3000mm                                                                         | 1AWG_3000mm                                                                         | Communication Cable_3000mm                                                          |                                                        |

# Hybrid Inverter

## Model

SUN-50K-  
SG02HP3-EU-BM4

SUN-60K-  
SG02HP3-EU-EM6

SUN-70K-  
SG02HP3-EU-EM6

SUN-80K-  
SG02HP3-EU-EM6

## Battery Input Data

|                                      |                      |          |
|--------------------------------------|----------------------|----------|
| Battery Type                         | Lithium-ion          |          |
| Battery Voltage Range (V)            | 160~800              | 160~1000 |
| Max. Charging Current (A)            | 100                  | 80+80    |
| Max. Discharging Current (A)         | 100                  | 80+80    |
| Charging Strategy for Li-ion Battery | Self-adaption to BMS |          |
| Number of Battery Input              | 1                    | 2        |

## PV String Input Data

|                                      |             |                   |        |        |
|--------------------------------------|-------------|-------------------|--------|--------|
| Max. PV Access Power (W)             | 100000      | 120000            | 140000 | 160000 |
| Max. PV Input Power (W)              | 80000       | 96000             | 112000 | 128000 |
| Max. PV Input Voltage (V)            | 1000        |                   |        |        |
| Start-up Voltage (V)                 | 180         |                   |        |        |
| MPPT Voltage Range (V)               | 150~850     |                   |        |        |
| Rated PV Input Voltage (V)           | 600         | 650               |        |        |
| Max. Operating PV Input Current (A)  | 36+36+36+36 | 36+36+36+36+36+36 |        |        |
| Max. Input Short-Circuit Current (A) | 55+55+55+55 | 54+54+54+54+54+54 |        |        |
| No. of MPP Trackers/                 | 4/2+2+2+2   | 6/2+2+2+2+2+2     |        |        |
| No. of Strings MPP Tracker           |             |                   |        |        |

## AC Input/Output Data

|                                                  |                                 |                      |             |             |
|--------------------------------------------------|---------------------------------|----------------------|-------------|-------------|
| Rated AC Input/Output Active Power (W)           | 50000                           | 60000                | 70000       | 80000       |
| Max. AC Input/Output Apparent Power (VA)         | 55000                           | 66000                | 77000       | 88000       |
| Rated AC Input/Output Current (A)                | 75.8/72.5                       | 91/87                | 106.1/101.5 | 121.3/116   |
| Max. AC Input/Output Current (A)                 | 83.4/79.8                       | 100/95.7             | 116.7/111.6 | 133.4/127.6 |
| Max. Continuous AC Passthrough (grid to load)(A) | 200                             |                      |             |             |
| Peak Power (off-grid) (W)                        | 1.5 Times Of Rated Power,10s    |                      |             |             |
| Power Factor Adjustment Range                    | 0.8 Leading to 0.8 Lagging      |                      |             |             |
| Rated Input/Output Voltage/Range (V)             | 220/380V, 230/400V 0.85Un-1.1Un |                      |             |             |
| Rated Input/Output Grid Frequency/Range(Hz)      | 50/45-55, 60/55-65              |                      |             |             |
| Grid Connection Form                             | 3L+N+PE                         |                      |             |             |
| Total Current Harmonic Distortion THDi           | <3% (of nominal power)          | <3% (Of Rated Power) |             |             |
| DC Injection Current                             | <0.5% In                        |                      |             |             |

## Efficiency

|                 |        |        |
|-----------------|--------|--------|
| Max. Efficiency | 97.60% | 98.7%  |
| Euro Efficiency | 97.0%  | 98.10% |
| MPPT Efficiency | > 99%  |        |

## Equipment Protection

Integrated DC Reverse Polarity Protection, AC Output Overcurrent Protection, Thermal Protection, AC Output Overvoltage Protection, AC Output Short Circuit Protection, DC Component Monitoring, Arc Fault Circuit Interrupter (AFCI) (Optional), Anti-islanding Protection, DC Switch, Insulation Impedance Detection, Residual Current Detection

Surge Protection Level

TYPE II(DC),TYPE II(AC)

## Interface

|                         |                        |                                      |
|-------------------------|------------------------|--------------------------------------|
| LCD/LED Display         | LCD                    | LCD+LED                              |
| Communication Interface | WIFI/RS485/CAN         | RS485,RS232,CAN                      |
| Monitor Mode            | GPRS/WIFI/Bluetooth/4G | GPRS/WIFI/Bluetooth/4G/LAN(optional) |

## General Data

|                                  |                                                    |                                                 |
|----------------------------------|----------------------------------------------------|-------------------------------------------------|
| Operating Temperature Range (°C) | -40 to +60, >45 Derating                           |                                                 |
| Permissible Ambient Humidity     | 0~100%                                             |                                                 |
| Permissible Altitude             | 3000m                                              |                                                 |
| Noise (dB)                       | ≤ 65                                               |                                                 |
| Ingress Protection(IP) Rating    | IP65                                               |                                                 |
| Inverter Topology                | Non-Isolated                                       |                                                 |
| Over Voltage Category            | OVC II(DC), OVC III(AC)                            |                                                 |
| Cabinet Size (WxHxD mm)          | 528×793×278<br>(Excluding Connectors and Brackets) | 606×927×314 (Excluding Connectors and Brackets) |
| Weight (kg)                      | 65                                                 | 105                                             |
| Type of Cooling                  | Intelligent Air Cooling                            |                                                 |

Warranty Standard 5 years, extended warranty 5 Years/10 Years  
the Warranty Period Depends the Final Installation Site of Inverter,  
More Info Please Refer to Warranty Policy

Grid Regulation IEC 61727,IEC 62116,CEI 0-21,EN 50549 , NRS 097,RD 140,UNE 217002,OVE-Richtlinie R25,G99,VDE-AR-N 4105

Safety / EMC Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2

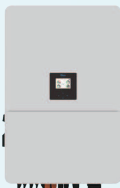
| Model                                              | SUN-100K-SG02HP3-EU-GM8                                                                                                                                                                                                                                                                                                                |  | SUN-100K-SG02HP3-EU-GM10      |  | SUN-125K-SG02HP3-EU-GM10 |  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|--------------------------|--|
| Battery Input Data                                 |                                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| Battery Type                                       | Lithium-ion                                                                                                                                                                                                                                                                                                                            |  |                               |  |                          |  |
| Battery Voltage Range (V)                          | 160-1000                                                                                                                                                                                                                                                                                                                               |  |                               |  |                          |  |
| Max. Charging/Discharging Current (A)              | 100+100                                                                                                                                                                                                                                                                                                                                |  |                               |  |                          |  |
| Charging Strategy for Li-ion Battery               | Self-adaption to BMS                                                                                                                                                                                                                                                                                                                   |  |                               |  |                          |  |
| Number of Battery Input                            | 2                                                                                                                                                                                                                                                                                                                                      |  |                               |  |                          |  |
| PV String Input Data                               |                                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| Max. PV access power (W)                           | 200000                                                                                                                                                                                                                                                                                                                                 |  | 200000                        |  | 250000                   |  |
| Max. PV Input Power (W)                            | 160000                                                                                                                                                                                                                                                                                                                                 |  | 160000                        |  | 200000                   |  |
| Max. PV Input Voltage (V)                          | 1000                                                                                                                                                                                                                                                                                                                                   |  |                               |  |                          |  |
| Start-up Voltage (V)                               | 180                                                                                                                                                                                                                                                                                                                                    |  |                               |  |                          |  |
| MPPT Voltage Range (V)                             | 150-850                                                                                                                                                                                                                                                                                                                                |  |                               |  |                          |  |
| Rated PV Input Voltage (V)                         | 650                                                                                                                                                                                                                                                                                                                                    |  |                               |  |                          |  |
| Max. Operating PV Input Current (A)                | 42+42+42+42+42+42+42+42                                                                                                                                                                                                                                                                                                                |  | 42+42+42+42+42+42+42+42+42+42 |  |                          |  |
| Max. Input Short-Circuit Current (A)               | 63+63+63+63+63+63+63+63                                                                                                                                                                                                                                                                                                                |  | 63+63+63+63+63+63+63+63+63+63 |  |                          |  |
| No. of MPP Trackers/<br>No. of Strings MPP Tracker | 8/2+2+2+2+2+2+2+2                                                                                                                                                                                                                                                                                                                      |  | 10/2+2+2+2+2+2+2+2+2          |  |                          |  |
| AC Input/Output Data                               |                                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| Rated AC Input/Output Active Power (W)             | 100000                                                                                                                                                                                                                                                                                                                                 |  | 100000                        |  | 125000                   |  |
| Max. AC Input/Output Apparent Power (VA)           | 110000                                                                                                                                                                                                                                                                                                                                 |  | 110000                        |  | 135000                   |  |
| Rated AC Input/Output Current (A)                  | 151.6/145.0                                                                                                                                                                                                                                                                                                                            |  | 151.6/145.0                   |  | 189.4/181.2              |  |
| Max. AC Input/Output Current (A)                   | 166.7/159.5                                                                                                                                                                                                                                                                                                                            |  | 166.7/159.5                   |  | 204.6/195.7              |  |
| Max. Continuous AC Passthrough (grid to load) (A)  | 250                                                                                                                                                                                                                                                                                                                                    |  |                               |  |                          |  |
| Peak Power (off-grid) (W)                          | 1.5 times of rated power, 10s                                                                                                                                                                                                                                                                                                          |  |                               |  |                          |  |
| Power Factor Adjustment Range                      | 0.8 leading to 0.8 lagging                                                                                                                                                                                                                                                                                                             |  |                               |  |                          |  |
| Rated input/output voltage                         | 220/380V, 230/400V 0.85Un-1.1Un 3L+N+PE                                                                                                                                                                                                                                                                                                |  |                               |  |                          |  |
| Rated Input/Output Grid Frequency/Range(Hz)        | 50/45-55, 60/55-65                                                                                                                                                                                                                                                                                                                     |  |                               |  |                          |  |
| Total Current Harmonic Distortion THDi             | <3% (of nominal power)                                                                                                                                                                                                                                                                                                                 |  |                               |  |                          |  |
| DC Injection Current                               | <0.5% In                                                                                                                                                                                                                                                                                                                               |  |                               |  |                          |  |
| Efficiency                                         |                                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| Max. Efficiency                                    | 98.70%                                                                                                                                                                                                                                                                                                                                 |  |                               |  |                          |  |
| Euro Efficiency                                    | 98.10%                                                                                                                                                                                                                                                                                                                                 |  |                               |  |                          |  |
| MPPT Efficiency                                    | >99%                                                                                                                                                                                                                                                                                                                                   |  |                               |  |                          |  |
| Equipment Protection                               |                                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| Integrated                                         | DC Reverse Polarity Protection, AC Output Overcurrent Protection, Thermal Protection, AC Output Overvoltage Protection, AC Output Short Circuit Protection, DC Component Monitoring, Arc Fault Circuit Interrupter (AFCI) (optional), Anti-islanding Protection, DC Switch, Insulation Impedance Detection, Residual Current Detection |  |                               |  |                          |  |
| Surge Protection Level                             | TYPE II(DC), TYPE II(AC)                                                                                                                                                                                                                                                                                                               |  |                               |  |                          |  |
| Interface                                          |                                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| LCD/LED Display                                    | LCD+LED                                                                                                                                                                                                                                                                                                                                |  |                               |  |                          |  |
| Communication Interface                            | RS485,RS232,CAN                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| Monitor Mode                                       | GPRS/WIFI/Bluetooth/4G/LAN(optional)                                                                                                                                                                                                                                                                                                   |  |                               |  |                          |  |
| General Data                                       |                                                                                                                                                                                                                                                                                                                                        |  |                               |  |                          |  |
| Operating Temperature Range (°C)                   | -40°C to +60°C, >45°C Derating                                                                                                                                                                                                                                                                                                         |  |                               |  |                          |  |
| Permissible Ambient Humidity                       | 0-100%                                                                                                                                                                                                                                                                                                                                 |  |                               |  |                          |  |
| Permissible Altitude                               | 3000m                                                                                                                                                                                                                                                                                                                                  |  |                               |  |                          |  |
| Noise(dB)                                          | ≤65                                                                                                                                                                                                                                                                                                                                    |  |                               |  |                          |  |
| Ingress Protection(IP) Rating                      | IP 65                                                                                                                                                                                                                                                                                                                                  |  |                               |  |                          |  |
| Inverter Topology                                  | Non-Isolated                                                                                                                                                                                                                                                                                                                           |  |                               |  |                          |  |
| Over Voltage Category                              | OVC II(DC), OVC III(AC)                                                                                                                                                                                                                                                                                                                |  |                               |  |                          |  |
| Cabinet Size (WxHxD mm)                            | 734×1091×344 (Excluding Connectors and Brackets)                                                                                                                                                                                                                                                                                       |  |                               |  |                          |  |
| Weight (kg)                                        | 161.7                                                                                                                                                                                                                                                                                                                                  |  |                               |  |                          |  |
| Type of Cooling                                    | Intelligent Air Cooling                                                                                                                                                                                                                                                                                                                |  |                               |  |                          |  |
| Warranty                                           | 5 Years/10 Years<br>the Warranty Period Depends the Final Installation Site of Inverter, More Info Please Refer to Warranty Policy                                                                                                                                                                                                     |  |                               |  |                          |  |
| Grid Regulation                                    | IEC 61727, IEC 62116, CEI 0-21, EN 50549, NRS 097, RD 140, UNE 217002, OVE-Richtlinie R25, G99, VDE-AR-N 4105                                                                                                                                                                                                                          |  |                               |  |                          |  |
| Safety / EMC Standard                              | IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2                                                                                                                                                                                                                                                                                 |  |                               |  |                          |  |

# Battery Cabinet Compatible Inverters



GE-F240 Series

+



SUN-60K/80K-SG02HP3-EU-EM6

Or

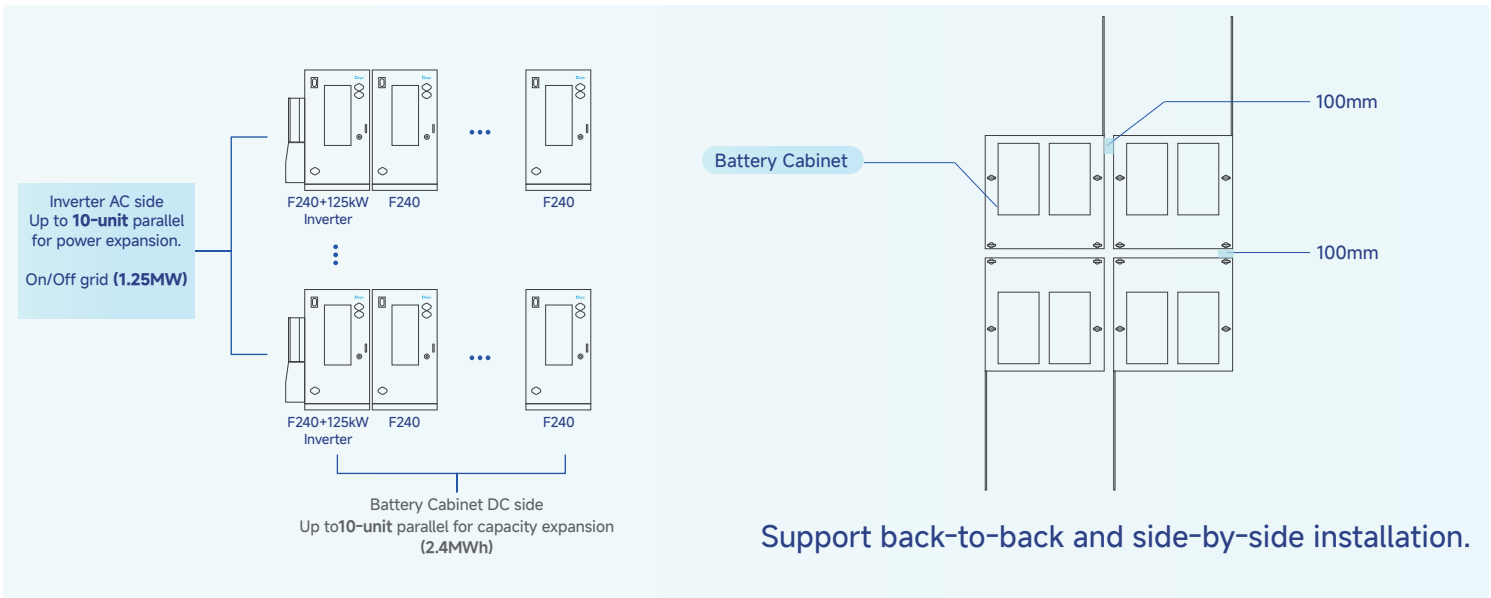


SUN-100K/125K-SG02HP3-EU-GM10 (8)

| Power Unit                           | Battery Cabinet Model | Specification |
|--------------------------------------|-----------------------|---------------|
| <b>2h ESS Solution</b>               |                       |               |
| SUN-80K-SG02HP3-EU-EM6 (80A+80A)     | GE-F176-BC-2-A3       | 80kW/176kWh   |
| SUN-100K-SG02HP3-EU-GM10 (100A+100A) | GE-F208-BC-2-A3       | 100kW/208kWh  |
| SUN-125K-SG02HP3-EU-GM10 (100A+100A) | GE-F240-BC-2-A3       | 125kW/241kWh  |
| <b>3h ESS Solution</b>               |                       |               |
| SUN-60K-SG02HP3-EU-EM6 (80A+80A)     | GE-F176-BC-2-A3       | 60kW/176kWh   |
| SUN-70K-SG02HP3-EU-EM6 (80A+80A)     | GE-F208-BC-2-A3       | 70kW/208kWh   |
| SUN-80K-SG02HP3-EU-EM6 (80A+80A)     | GE-F240-BC-2-A3       | 80kW/240kWh   |
| <b>4h ESS Solution</b>               |                       |               |
| SUN-50K-SG02HP3-EU-BM4 (100A)        | GE-F208-BC-2-A3       | 50kW/208kWh   |
| SUN-60K-SG02HP3-EU-EM6 (80A+80A)     | GE-F240-BC-2-A3       | 60kW/241kWh   |

## AC/DC Side Parallel Expansion (Capacity & Power)

### ENERGY STORAGE SYSTEM



# Deye Cloud

## All-in-one Energy & Device Management Platform

- Unlock significant savings
- Individual Add-on for dynamic tariff
- Intelligent charging/discharging strategies
- Tailored solution to deye devices
- Real-time equipment monitoring
- Best energy scheduling solutions by Deye Copilot algorithm
- 24/7 AI Assistant support

Switch flexibly between autonomous and manual control

Support dynamic tariff and flat-rate

AI Assistant

Offer response suggestions and personalized support experience

Support over 30 languages

Analyze dynamic pricing, predict power load and PV generation to optimize energy dispatch and minimize electricity costs

Display energy savings and costs

Deye Copilot ToU

## Smarten Up Your Hybrid Energy Storage System

Download Deye Cloud APP to join us!

Embrace a seamless, effortless energy experience that's both eco-friendly and budget-friendly with our intelligent assistant



|                                                         |                                                              |                                                                      |                                                                                    |                                                               |                                                                        |
|---------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------|
| <b>APP &amp; Web</b><br>Manage your energy effortlessly | <b>Cloud-edge Collaboration</b><br>Faster and more efficient | <b>Accelerated Connection</b><br>Optimized for speed and performance | <b>Localized Data Centers</b><br>Ensure data sovereignty and compliance in EU & US | <b>Deye Copilot</b><br>AI-powered energy analysis and control | <b>AI Assistant</b><br>24/7 support, fast, efficient, in your language |
|---------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------|



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**Deye ESS / Deye New Energy**