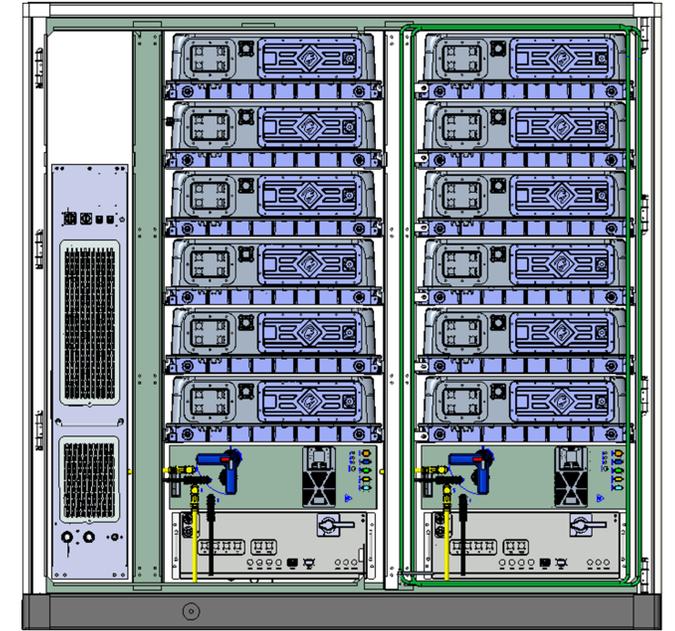
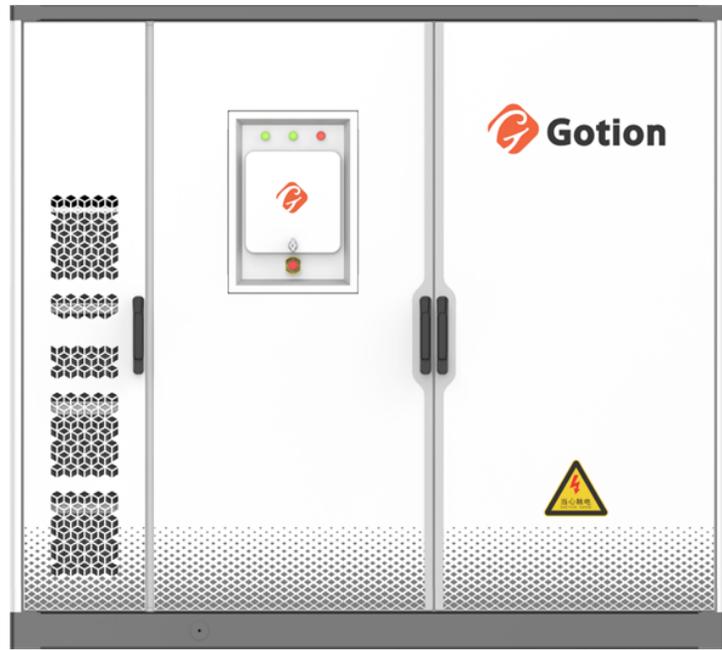
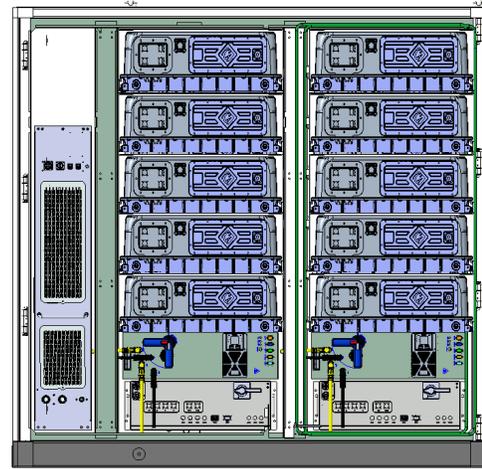
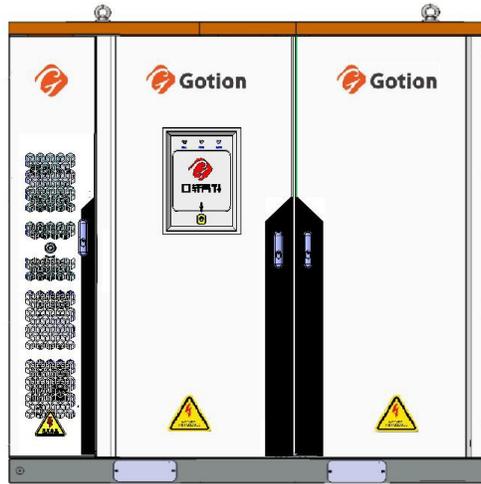


# Gotion All-in-One 522kWh



# Gotion All-in-One 522kWh



Gotion's 522kWh all-in-one cabinet features a highly integrated, factory pre-assembled design for fast, containerized deployment. Its compact size allows flexible installation, easy O&M, and lower costs. The system integrates local EMS, supports various C&I applications, enables intelligent cloud monitoring, and reduces power generation losses through remote operation and maintenance.



## Modular Design

- Easy to install and maintain with modular design
- Scalable design for customization needs
- Compact size and high space utilization



## Efficient Flexible Cost-Efficient

- Efficient PCS selection with maximum conversion efficiency  $\geq 98.7\%$
- 3 "S" integrated system design, pre-assembly and commissioning, reducing on-site commissioning



## Safe Eco-Friendly Adaptable

- Provides early thermal runaway warning, rapid fire suppression, explosion prevention, high safety, and eco-friendliness.
- Designed for harsh environments with a wide operating temperature range



## Remote Operation and Maintenance

- The availability rate can reach over 99%. Support remote software upgrades.

| Model   | ESD832-05P522   |
|---|---|
| <b>ELECTRICAL</b>                                     |   |
| Cell Capacity   | 314Ah   |
| PACK  | 1P52S   |
| RACK  | 1P260S  |
| Nominal Capacity                                      | 522kWh  |
| Recommended Voltage                                   | 728 – 936 Vdc   |
| AC Voltage  | AC480V / 60Hz   |
| PCS Power   | 250kW   |
| Discharge Rate  | 0.5P@77 °F / 25 °C  |
| Cycle Life  | 10,000  |
| <b>ENVIRONMENTAL</b>                                  |   |
| Operating Temperature                                 |   |
| Operating Humidity                                    | 5 ~ 95%   |
| Protection Rating                                     | IP 55   |
| Cooling   | Liquid-Cooled   |
| Fire Fighting System                                  | Aerosol + Water + Combustible Gas Deflagration Venting        |
| Altitude  | < 3,000m  |
| Communication   | CAN / RS485 / Ethernet  |
| <b>STRUCTURAL</b> <input checked="" type="checkbox"/> |   |
| Size  | 2500 mm * 1600 mm <input checked="" type="checkbox"/> 2300 mm |
| Weight  | ~ 5t  |
| Certification   | TBD   |

