

# FRES200-A10-241

## ► BESS cabinet for fixed mounting



## Specification

| Product Model                | FRES200-A10-241                 |
|------------------------------|---------------------------------|
| <b>DC Side Specification</b> |                                 |
| Cell Configuration           | LFP 3.2V/314Ah                  |
| Voltage Range                | 560V-817.6V                     |
| PACK                         | 20.08kWh/1P20S                  |
| Rack                         | 241kWh/1P240S                   |
| DC Protection                | Breaker + Fuse                  |
| <b>AC Side Specification</b> |                                 |
| Rated Power                  | 122kW                           |
| Max Power                    | 135kW                           |
| Rated Voltage                | 400V                            |
| Rated Frequency              | 50Hz                            |
| Harmonic distortion          | <3% (At Rated Power)            |
| Power Factor                 | >0.99 at Rated Power(>20% load) |
| PF Range                     | -105%~105%                      |
| <b>System Specification</b>  |                                 |
| Max Efficiency               | 92%                             |
| Discharge Depth              | 0-99%DOD                        |
| Cycles                       | >8000 / EOL 70%                 |
| Protection Degree            | IP54                            |
| Cooling                      | Air                             |
| Fire Protection              | Alarm+Aerosol                   |
| Operating Temp.              | -30~50°C (>45°C with derating)  |
| Operating Altitude           | 4000m(>2000m with derating)     |
| Operating Humidity           | ≤95%, ≤95%, non condensing      |
| Communication                | RS485, CAN, Ethernet            |
| Dimensions(W*H*D)            | 1150 x 2270 x 1300mm            |
| Weight                       | < 2572kg                        |
| Approval                     | CE / DK Type-B positivist       |