

# C&I ESS

CE-186372



## Product Features

- **High safety** : Industry-leading lithium iron phosphate battery with high efficiency and safety to extend cycle life
- **Small size** : Highly integrated system with compact design for land saving
- **Better stability** : Integrated liquid-cooling temperature control system makes the temperature difference stable, system safe and reliable
- **Excellent transportability** : Modular design makes transportation fast and installation easy
- **Intelligent** : Deep learning of system algorithm, real-time collection of status information of each component, intelligent terminal display
- **Easy to operate and maintain** : System self-diagnostic function, support remote operation and upgrade, save operation and maintenance cost

## Technical Data

|                                  |                                                             |  |
|----------------------------------|-------------------------------------------------------------|--|
| Model                            | CE-186372                                                   |  |
| Battery Cell                     | LFP3.2V/280Ah                                               |  |
| Configuration                    | 1P416S                                                      |  |
| Nominal Voltage (V)              | 1,331.2V                                                    |  |
| Nominal Capacity (kWh)           | 372.7                                                       |  |
| Max. Charge/Discharge Ratio      | ±0.5P                                                       |  |
| Protection Degree                | IP54                                                        |  |
| Dimension (mm)                   | 1,300L*1,300W*2,360H                                        |  |
| Weight (kg)                      | ≈3,500                                                      |  |
| Operation Temperature Range (°C) | -30~50, >45 Derating                                        |  |
| Operation Humidity Range         | 0~95% (No Condensing)                                       |  |
| BMS Communication Interface      | RS485, CAN, Ethernet                                        |  |
| Max. Operating Altitude (m)      | 5,000 (2,000 Derating)                                      |  |
| Firefighting                     | Aerosol / Heptafluoropropane / Perfluorohexanone (Optional) |  |
| Heat Management                  | Intelligent liquid cooling                                  |  |