

# 12.8V 205AH LITHIUM BATTERY

## ► Features

- A grade brand new prismatic LiFePO4 cells
- Over charge, over discharge, over temperature, low Temperature, over current and short circuit protection
- Cell balance function
- Certificate: UN38.3, MSDS
- $\geq 4000$  cycles @80% DOD(25°C, 0.5C )
- Easy installation and maintenance free
- IP65, superior safety
- Max.4 battery packs can be connected in series

## ► Electrical Characteristics

| Model                             | LFP2.56KWH12.8V-P65L2RP40                  |
|-----------------------------------|--------------------------------------------|
| Battery Type                      | LiFePO4                                    |
| Nominal Voltage (V)               | 12.8                                       |
| Nominal Capacity (AH)             | 205                                        |
| Energy (WH)                       | 2624                                       |
| Pack Mode                         | 4S1P                                       |
| Continuous Discharge Current (A)  | 150                                        |
| Charge Cut-off Voltage (V)        | 14.4                                       |
| Discharge Cut-off Voltage (V)     | 10.4                                       |
| Max.Charge Current (A)            | 100@30min                                  |
| Max.Discharge Current (A)         | 200@30min                                  |
| Peak Discharge Current (A)        | 240A@10S                                   |
| Recommend Discharge Current (A)   | 100                                        |
| Recommend Discharge Depth (%)     | 80                                         |
| Cycle Life                        | $\geq 4000$ cycles (25°C, 0.5C ) 80% DOD   |
| Communication                     | —                                          |
| Charge&Discharge Temperature (°C) | Charge: 0°C~+55°C / Discharge: -20°C~+60°C |
| Optimal Storage Temperature (°C)  | 5°C ~ +35°C                                |
| Recommend Storage Humidity        | 20%~80%                                    |
| Terminal                          | M8                                         |
| Dimensions (L*W*H) (mm)           | 523*269*218                                |
| Weight (Kg)                       | 24±0.5                                     |
| Transportation                    | UN38.3, MSDS                               |
| IP Class                          | IP65                                       |