

# 12V 314Ah

## 12V Deep Cycle Li-ion Battery



### Key Parameters

| Items                                   | Specifications                      | Conditions                                 |
|-----------------------------------------|-------------------------------------|--------------------------------------------|
| Model                                   | 12-314-V1 (LFP)                     |                                            |
| Nominal Capacity (Ah)                   | 314                                 | Discharging from 14.6V @ 0.2C to 10V       |
| Nominal Energy (Wh)                     | 4,019                               | Discharging from 14.6V @ 0.2C to 10V       |
| Charge Voltage (V)                      | 14.6                                | Charger Output Voltage                     |
| Standard Charging Current (A)           | 150                                 |                                            |
| Max. Continuous Charging Current (A)    | 200                                 |                                            |
| Discharge Voltage (V)                   | 10                                  |                                            |
| Standard Discharge Current (A)          | 150                                 |                                            |
| Max. Continuous Discharging Current (A) | 200                                 |                                            |
| Operating Temp. (°C)                    | 0 ~ 55                              |                                            |
|                                         | -20 ~ 60                            |                                            |
| Cycle Life                              | ≥ 6000                              | Charging / Discharging @ 0.2C 70% Capacity |
| Impedance (mohm)                        | < 50                                |                                            |
| Weight (kg)                             | ~25                                 |                                            |
| Protectiong Level                       | IP 67                               |                                            |
| Connection Mode                         | Support up to 4 in series connction |                                            |
| Dimension (L/D/H, mm)                   | 386/206/272                         |                                            |