

Model: **VT-14033**  
SKU Code: **12713**  
Unit Colour **White**  
EAN Code: **3800170260665**



Model: **VT-14033**  
SKU Code: **12714**  
Unit Colour **Black**



# Lithium-ion Battery

|                                                        |                                                                                                                                           |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Rated capacity (Ah)                                    | 280                                                                                                                                       |
| Nominal voltage (V)                                    | 51.2                                                                                                                                      |
| Nominal Energy(Kwh)                                    | 14.33                                                                                                                                     |
| Standard Charge Current (A)                            | 130                                                                                                                                       |
| Standard Discharge Current (A)                         | 130                                                                                                                                       |
| Maximum continuous charge current (A)                  | 140                                                                                                                                       |
| Maximum continuous discharge current (A)               | 140                                                                                                                                       |
| Communication                                          | CAN                                                                                                                                       |
| Internal resistance (in $\Omega$ )                     | 16m $\Omega$                                                                                                                              |
| Dimension(D*W*H)                                       | 660x154x900mm                                                                                                                             |
| Protection Level                                       | IP20                                                                                                                                      |
| Charge temperature Range (°C)                          | 0 ~ 60                                                                                                                                    |
| Discharge temperature Range (°C)                       | -20 ~ 60                                                                                                                                  |
| Standard Charge Voltage (V)                            | 57.6                                                                                                                                      |
| Upper limit Charging Voltage (V)                       | 57.6                                                                                                                                      |
| End-of-discharge Voltage (V)                           | 43.2                                                                                                                                      |
| Cycle Life                                             | ≥8000@25°C DOD90%                                                                                                                         |
| End of Life                                            | ≥8000@25°C EOL80%                                                                                                                         |
| Structure                                              | 16 series & 1 parallel                                                                                                                    |
| Recommend charging method declared by the manufacturer | Charge the battery at constant current 130A until voltage reaches 57.6V, then charge at constant voltage 57.6V till charge current is 14A |