

## Specification of 12V 12Ah LiFePO4 Battery

Product Name: 12V12AH LiFePO4 battery

Model: HPL-12LRL12

Nominal voltage (V): 12V

Nominal capacity (Ah):12AH

Working voltage range: 8V-14.6V

The overcharge protection voltage (V): 14.6V

Discharge cut-off voltage (V): 8V

The maximum charging current:  $\leq 12A$

Continuous discharge current:  $\leq 25A$

The pulsed discharge current:  $\leq 80A$

Service life:  $\geq 2000$  times (100% DOD, the residual capacity is no less than 80% of rated capacity)

Charging temperature (c): 0 45 °C

The discharge temperature (c): -20 60 °C

Storage temperature (c): -20 45 °C

Battery temperature protection (c):  $70 \pm 5$  °C

Battery weight (kg): 1.5kg

Size: (mm) 150 (L) x98 (W) x95 (H)

