

USER MANUAL  
LI-ION evo5 - evo25 BATTERY  
Ref.: evo 1700



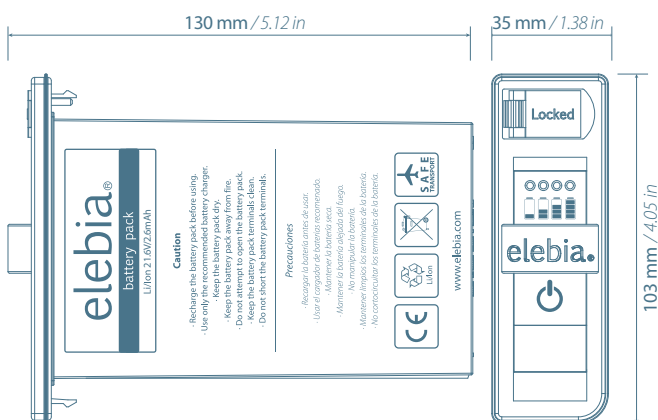
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### Technical Specifications

Technology	Rechargeable Li-Ion
Configuration	6S1P
Nominal Voltage	21.6 V DC
Nominal Capacity	2.6 Ah DC
Protection Circuit	Charge, Discharge, Overvoltage
Maximum Discharge Current	6 A
Heat Protection	Thermal 70 °C / 158 °F
Charge Indicator	Display ON 4 LED (25% - 50% - 75% - 100%)
Temperature (Charge)	0 °C to 45 °C / 32 °F to 113 °F
Temperature (Discharge)	-20 °C to 50 °C / -4 °F to 122 °F
Temperature (Idle)	-20 °C to 60 °C / -4 °F to 140 °F
Weight	390g aprox. / 13.75 oz.



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## Display ON 4 LED

- The battery status is indicated by 4 high brightness LEDs.
- The battery is fully charged when the 100% display icon LED is green.
- The battery is fully discharged when there is no active LED.

## Charge

- Time to charge may vary depending on the chargers being used and temperature, among other variables.
- The evo 1700 battery should be charged with the supplied charger.
- Rated voltage of the charger should not exceed 25.2 V
- Recommended standard charge 1.0 A Maximum current permitted 2.6 A

## Discharge

- Continuous discharge 520mA/0.2C, relative capacity at 25°C~ 100%
- Maximum continuous discharge 5.2A/2C, relative capacity at 25°C~ 85%
- Maximum discharge peak 25A

## Caution



- Never short circuit the terminals.
- Do not expose the battery to heat or a fire source.
- The battery should always be kept clean and dry, away from water or wet environments.
- Do not manipulate the battery. In case of manipulation, the warranty is no longer valid.
- For long term storage, the battery should be charged to 50% of its capacity, and recharged every 3 months.
- Check the charge status every 3 months and recharge. Do not store the battery discharged, as it might cause irreversible damages.
- Do not use the battery if there are any impacts, dents, etc.
- If for any reason a battery loses its charge and remains uncharged for a long period of time, make sure to check the battery before charging. Voltage between terminals must be more than 15 V. If the voltage is under this value, do not attempt to charge the battery and proceed to send it to our technical service.

## Warranty of the evo 1700 battery

- 6 month warranty.

### Recommendation:

Use chargers supplied by the manufacturer to charge the battery to ensure its correct performance.

The use of chargers other than those supplied by the manufacturer may damage the evo5 to evo 25 battery.