



Advanced Battery & Charger Solutions

# Technical Datasheet

# Part No. U80510

## Standard 4S2P 18650 Battery • 14.4V/6700mAh



### Electrical Characteristics

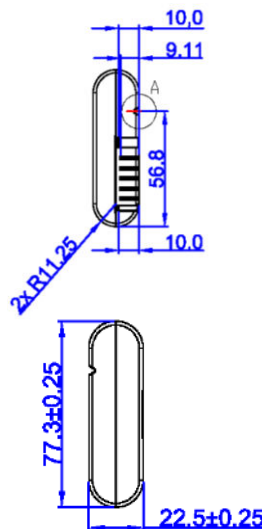
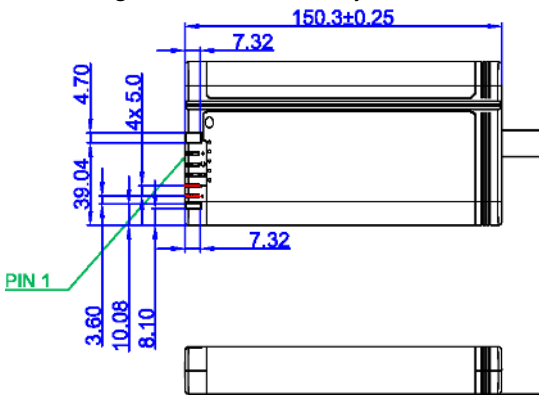
<b>Pack Configuration:</b>	4S2P
<b>Pack Capacity:</b>	6700mAh (Typical)
<b>Pack Voltage:</b>	14.4V (10.0V to 16.8V)
<b>Max Continuous Discharge:</b>	7.0 @ 0°C to +40°C
<b>Peak Discharge Current:</b>	13.8A < 9ms
<b>Max Charge* Voltage:</b>	16.8V ± 1%
<b>Max Charge* Current:</b>	3250mA
<b>Initial Internal Impedance:</b>	<240mΩ
<b>Communications:</b>	SMBus v1.1 compliant
<b>Cell Chemistry:</b>	NMC Lithium Ion

### Temperature Characteristics

<b>Charge:</b>	0°C to +45°C
<b>Discharge:</b>	-20°C to +60°C
<b>Storage:</b>	-20°C to +60°C (<45°C recommended)

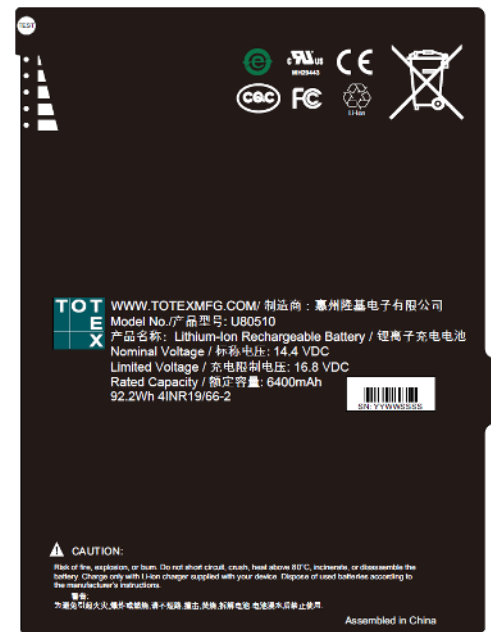
### Physical Characteristics

<b>Dimensions:</b>	22.75 x 77.55 x 150.55mm (T x W x L)
<b>Weight:</b>	~450g
<b>Enclosure Material:</b>	PC/ABS Bayer FR3010, meets UL94 V-0 (1.5mm) standard
<b>Mating Connector:</b>	Tyco 787444-1 or equivalent; Pin-outs: +, C, D, T, -



### Agency Approvals

- UL2054    - CE/EMC    - UN38.3 Rev5
- CAN/CSA Classified or cUL60950



\*Please contact us to discuss charging solutions. Totex offers both off-the-shelf and custom chargers