



Advanced Battery & Charger Solutions

Technical Datasheet

Part No. U80530

Standard 3S1P 18650 Battery • 10.8V/3350mAh



Electrical Characteristics

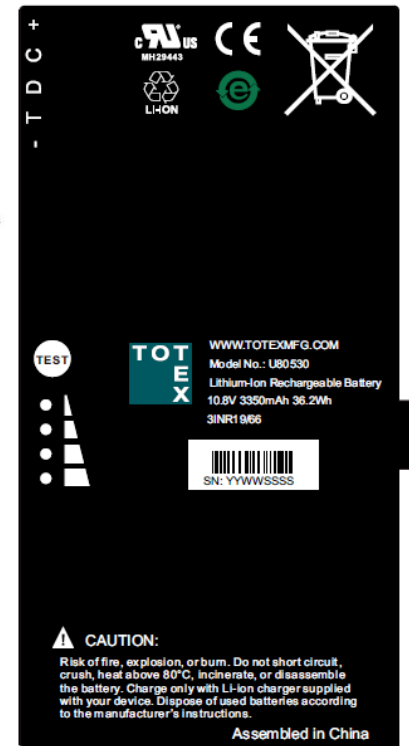
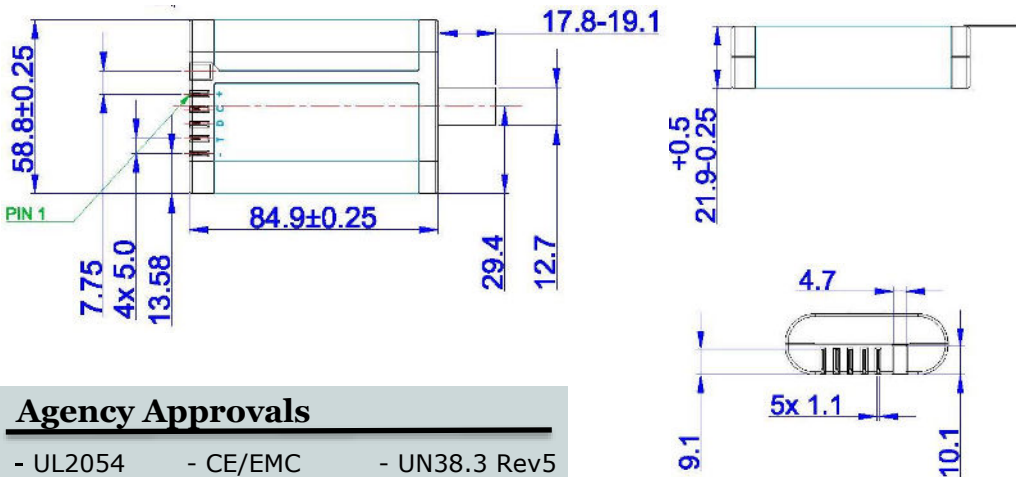
Pack Configuration:	3S1P
Pack Capacity:	3350mAh (Typical)
Pack Voltage:	10.8V (7.5V to 12.6V)
Max Continuous Discharge:	4.87A @ 0°C to +40°C
Peak Discharge Current:	8.3A < 9ms
Max Charge* Voltage:	12.6V ± 1%
Max Charge* Current:	1625mA
Initial Internal Impedance:	<350mΩ
Communications:	SMBus v1.1 compliant
Cell Chemistry:	NMC Lithium Ion

Temperature Characteristics

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

Physical Characteristics

Dimensions:	22.4 x 59.05 x 85.15mm (T x W x L)
Weight:	~200g
Enclosure Material:	PC/ABS Bayer FR3010, meets UL94 V-0 (1.5mm) standard
Mating Connector:	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