



Advanced Battery & Charger Solutions

Technical Datasheet

Part No. U80221-8B01

Standard 3S3P 18650 Battery • 10.8V/8400mAh



Electrical Characteristics

Pack Configuration:	3S3P
Pack Capacity:	8400 mAh (Typical)
Pack Voltage:	10.8V (9.0V to 12.6V)
Max Continuous Discharge:	5.5A @ -20°C to +60°C
Peak Discharge Current:	10A < 1s
Max Charge* Voltage:	12.6V ± 1%
Max Charge* Current:	4000mA
Initial Internal Impedance:	<120mΩ
Communications:	SMBus v1.1 compliant
Cell Chemistry:	Lithium Ion



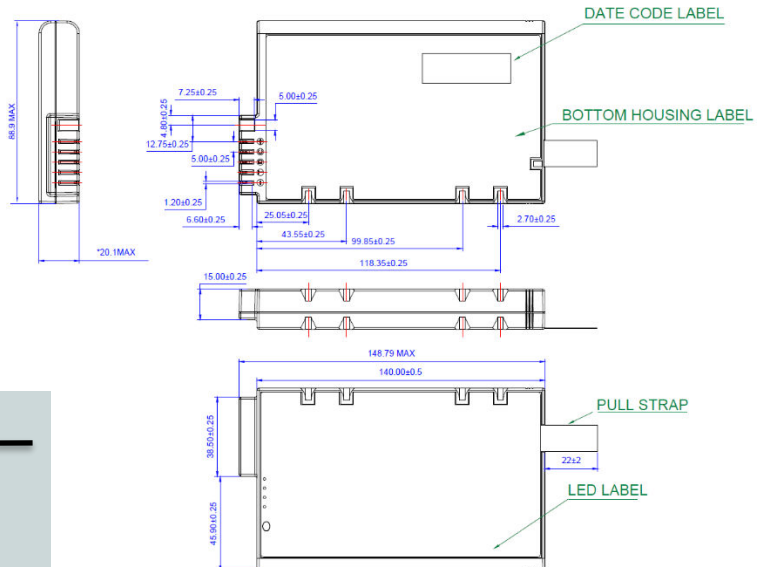
Battery sample (label content for reference only)

Temperature Characteristics

Charge:	0°C to +60°C
Discharge:	-20°C to +60°C
Storage:	-20°C to +60°C (<35°C recommended)

Physical Characteristics

Dimensions:	20.1 x 88.9 x 148.8mm (T x W x L)
Weight:	~500g
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
- RoHS 2 Directive -REACH
- WEEE Directive -CB/IEC62133

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