

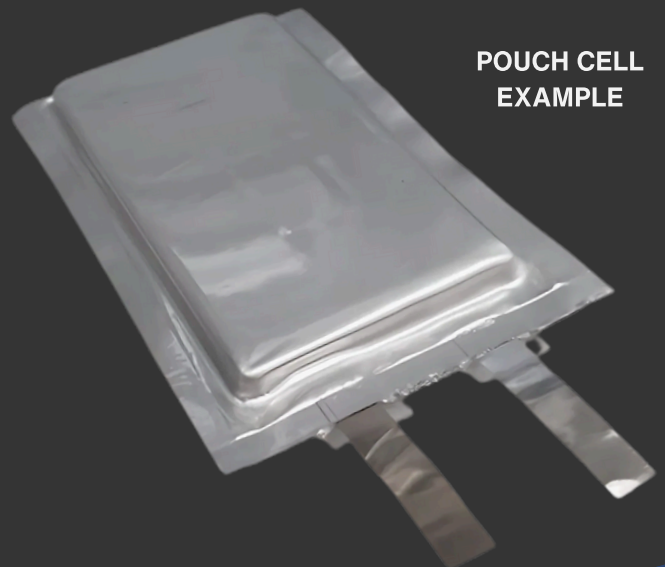
Li-Ion Cells



Safe, High Energy

Li-Ion Cells

- Fault tolerant
- Ballistic safe
- Low temperature
- Man portable power
- Unmanned systems
- Domestic supply chain



POUCH CELL
EXAMPLE

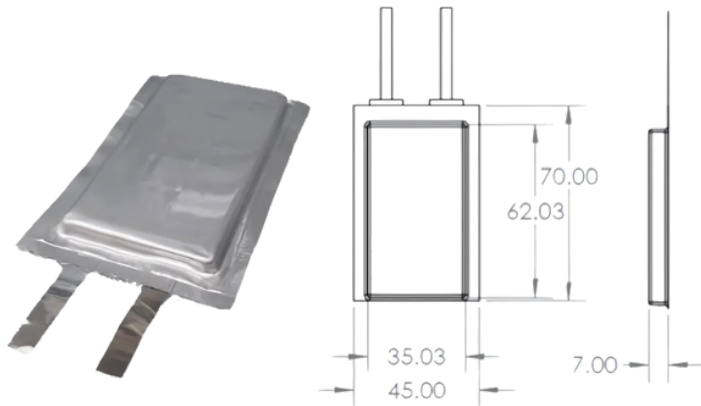
CONTACT CRG DEFENSE:

Web: crgdefense.com

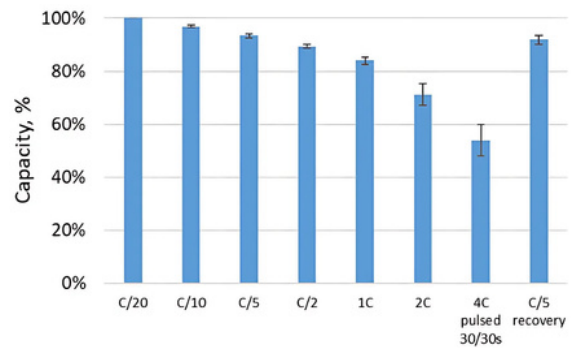
Email: sales@crgdefense.com

Phone: 937-320-1877

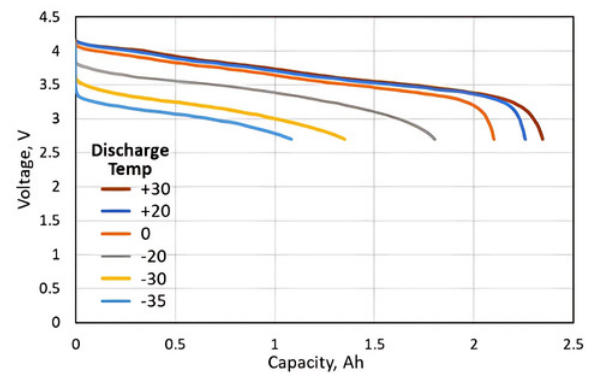
Example Pouch Cell Specifications



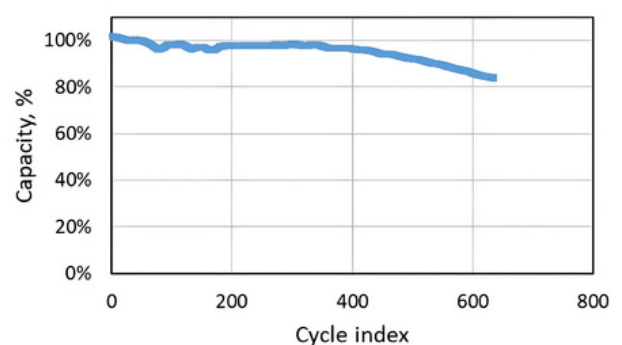
Rate performance. Charge: C/2, 4.2 V. Discharge: 2.5V



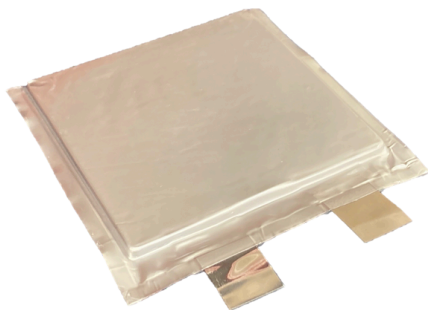
Temperature performance. Charge: C/2, 4.2 V. Discharge: C/2, 2.5V



Cycle life, room temperature. Charge: C/5, 4.2 V. Discharge: C/5, 2.5V



PRELIMINARY SPECIFICATIONS	
Size	70 x 45 x 6.7 mm
Weight	36.1g
Cell type/packaging	Pouch
Capacity	2.3 Ah
Voltage range	2.7–4.2 V
Nominal voltage	3.65 V
Sp. energy at C/20	236 Wh/kg
Cycle life	>600 cycles
Operating temperature	-40 to +60 °C
Max continuous discharge	2 C
Max pulsed discharge (30 sec)	10 C
Max charging current	C/2



Customizable cells

