

BATTERY PACKS >

SAFE, EFFICIENT AND AFFORDABLE

THE MOST RELIABLE >

- + The highest energy density available – up to .9 Whr/cc
- + Enhanced bromine, thionyl and sulfuryl chloride chemistries
- + Cell capacities up to 40 Ahr
- + “Non-magnetic” cells will not interfere with sensitive data recording instruments
- + Six Sigma™ Quality Improvement Philosophy and ISO quality systems

THE SAFEST >

- + Products meet the requirements of “UN Recommendations on the Transport of Dangerous Goods”
- + Blocking diodes in parallel packs prevent dangerous reverse current flow
- + Shunt diodes in series packs maintain continuity of circuit
- + Reinforced glass-to-metal seals maintain hermeticity even under extreme temperatures, preventing leakage by allowing internal pressure to be restrained

FOR THE MOST EXTREME CONDITIONS >

- + Designed for temperatures from -55°C to +200°C
- + Shock up to 3,000 g
- + Vibration up to 40 grms
- + Proprietary construction
- + Specialty electrolyte formulations for optimized restart and pulse capability
- + Level rate performance over the entire temperature range



Whether you want more capacity, more voltage or both, an Electrochem battery pack will deliver the power you need. Electrochem offers both parallel and series packs, or a combination of both, custom engineered and tailored for pulse and product lifecycle needs. If you're looking for durability, you can get a fully encapsulated Electrochem pack with cells that don't off-gas. At Electrochem, custom design and engineering are standard. So if you need a battery pack we don't have, we'll custom build a prototype for you. That's why leading companies around the globe rely on Electrochem packs.



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CUSTOM POWER SOLUTIONS >

HIGH RATE > WHEN FAILURE IS NOT AN OPTION

PRODUCT SERIES	CHEMISTRY	OCV	RATE CAPABILITY	TEMPERATURE RANGE (°C)
BCX85	Bromine Chloride	3.93V	Moderate to High	-55 ← → 85
CSC93	Sulfuryl Chloride	3.93V	Moderate to High	-20 ← → 93
PMX150	Sulfuryl Chloride	3.93V	Moderate	-20 ← → 150
PMX165	Sulfuryl Chloride	3.93V	Moderate	-20 ← → 165
MWD150	Thionyl Chloride	3.67V	High	0 ← → 150
QTCDD	Thionyl Chloride	3.67V	Moderate to High	-40 ← → 85
VHT200	Thionyl Chloride	3.67V	Moderate	70 ← → 200

MODERATE RATE > PROVEN RELIABILITY AND SAFETY

PRODUCT SERIES	CHEMISTRY	OCV	RATE CAPABILITY	TEMPERATURE RANGE (°C)
150MR	Thionyl Chloride	3.67V	Moderate	-40 ← → 150
165MR	Thionyl Chloride	3.67V	Moderate	-40 ← → 165
180MR	Thionyl Chloride	3.67V	Moderate	50 ← → 180
200MR	Thionyl Chloride	3.67V	Moderate	70 ← → 200

LOW RATE > OUTPERFORMS ALKALINE IN EVERY WAY

PRODUCT SERIES	CHEMISTRY	OCV	RATE CAPABILITY	TEMPERATURE RANGE (°C)
BCX85 PC	Bromine Chloride	3.93V	Low	-55 ← → 85
CSC93 PC	Sulfuryl Chloride	3.93V	Low	-20 ← → 93
QTC85 PC	Thionyl Chloride	3.67V	Low	-40 ← → 85
QTC85 LR	Thionyl Chloride	3.67V	Low	-40 ← → 85
100LR	Thionyl Chloride	3.67V	Low	-40 ← → 100
150LR	Thionyl Chloride	3.67V	Low	-40 ← → 150
180LR	Thionyl Chloride	3.67V	Low	50 ← → 180
200LR	Thionyl Chloride	3.67V	Low	70 ← → 200