

Cyclon® Batteries

Thin Plate Pure Lead (TPPL) rechargeable cells can solve many of the problems associated with "conventional" lead alloy batteries. The sealed construction uses a patented, starved electrolyte system, providing numerous advantages including long service life, rugged construction, extreme temperature performance, fast recharge, high discharge rates and low internal resistance. In addition to the standard cylindrical configurations, Cyclon cells offer a high degree of flexibility to meet unusual requirements and can be configured in an infinite number of designs to meet your precise voltage and capacity requirements.

Benefits

- Absorbed Glass Mat (AGM) Construction – Maintenance Free, Non-Spillable
- 15 Year Design Life
- Wide Operating Temperature Range
- Excellent Cycling Capability
- Very High Energy Density
- Very Low Internal Resistance



Applications

- Medical Equipment
- Telecommunications
- Switch Tripping
- Defence Installations
- Solar Power
- Offshore

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Single Cells

Model	Part Number	Capacity @ 10hr Rate	Dimensions (mm)			Weight (g)	Tabs (mm)
			Dia	Height	Height (over tabs)		
D Cell	9810-0004	2.5Ah	34.3	61.2	68.1	178.0	4.75 x 0.64
DT Cell	9860-0004	4.5Ah	34.3	96.0	102.9	274.4	4.75 x 0.64
X Cell	9800-0004	5Ah	44.5	72.9	81.5	362.0	6.35 x 0.64
E Cell	9850-0004	8Ah	44.5	100.1	108.7	489.9	6.35 x 0.64
BC Cell	9820-0004	25Ah	65.3	158.8	173.2	1669.2	M6 (-) M8 (+)

Monoblocs*

Model	Part Number	Capacity @ 10hr Rate	Dimensions (mm)			Weight (g)	Tabs (mm)
			Length	Width	Height		
4V D M/B	9819-0010	2.5Ah	79.5	46.0	69.9	360	4.75 x 0.64
4V X M/B	9809-0010	5Ah	96.5	53.8	76.7	740	6.35 x 0.64
4V E M/B	9859-0010	8Ah	96.8	54.1	101.6	960	6.35 x 0.64
6V D M/B	9819-0012	2.5Ah	113.8	46.0	69.9	520	4.75 x 0.64
6V X M/B	9809-0012	5Ah	139.2	53.8	76.7	980	6.35 x 0.64
6V E M/B	9859-0012	8Ah	139.2	54.1	101.6	1430	6.35 x 0.64

DMS technologies reserves the right to alter product specifications without prior notice

** 12V and 8V Monoblocs also available.*

As the first appointed Value Added Distributor in the UK & Ireland for Cyclon products, DMS technologies has a wealth of experience of custom design and build utilising Cyclon cells. We can build custom battery packs to almost any arrangement to meet specific voltage, capacity and space requirements. Please contact DMS technologies to discuss your specific requirements.

