

DMS technologies

- A LEADING SUPPLIER OF DC POWER SYSTEMS AND BATTERY BASED ELECTRICAL PRODUCTS.
- MARKETS INCLUDE MILITARY, AVIATION, INDUSTRIAL & AUTOMOTIVE.



CYCLON BATTERIES

Cyclon®

DESIGNING, MANUFACTURING AND DISTRIBUTING MILITARY &
INDUSTRIAL CUSTOM POWER PRODUCTS SINCE 1986

BELBINS BUSINESS PARK, CUPERNHAM LANE, HAMPSHIRE, SO51 7JF, UK

T: +44 (0) 1794 525400

E: sales@dmstech.co.uk

www.dmstech.co.uk

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

IMAGES



DMStechnologies

With a strong engineering heritage, DMS technologies is your ideal partner for projects involving custom design & build of power solutions.

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SPECIFICATIONS

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.