

## Cyclon Cells & Monoblocs



- Technology
  - Voltage Range
  - Capacity Range
  - High Rate Discharge
  - Installation
  - Cycle Life
  - Float Life
  - Temperature Range
  - Shock and vibration
  - Charge Regime
  - Termination
  - Shelf/Storage Life
  - Transportation
- Spirally wound SLA  
2V multiples  
2.5AH to 25AH  
Excellent discharge performance  
Any orientation  
700 at 60% Depth of Discharge  
5000 at 10% Depth of Discharge  
Cyclon cells : 15 years @ 20°C  
Monoblocs : 10 years @ 20°C  
Cyclon cells : -65°C to +80°C  
Monoblocs : -40°C to +40°C  
High resistance  
Constant voltage unlimited current  
Faston tab or M6/M8 post (for 25AH)  
2 years from full recharge @25°C  
Non-hazardous, non-spillable cargo

## Typical Applications

- Telecommunications
  - Uninterruptible power supplies
  - Computer back-up
  - Medical equipment
  - Lawn and garden equipment
- Defence installations
  - Electronics
  - Electric vehicles
  - Solar power
  - Switch tripping

Extreme temperature environments (-65°C to +80°C for single cells)

## Cyclon 2V Cell Product Family (All capacities @ C<sub>10</sub> to 1.67Vpc @ 25°C)

Products	Capacity	Part Number	Internal res of fully charged cell mΩ@25°C	Nominal Short Circuit current for charged cell	DIMENSIONS				
					Diameter mm	Height mm	Height over terminals	Weight gm	Tabs mm
D cell	2.5Ah	0810-0004	5.0	400A	34.3	61.2	68.1	178.0	4.75x0.64
DT cell	4.5Ah	0860-0004	5.0	400A	34.3	96.0	102.9	274.4	4.75x0.64
X cell	5.0Ah	0800-0004	3.5	570A	44.5	72.9	81.5	362.0	6.35x0.64
E cell	8.0Ah	0850-0004	3.0	665A	44.5	100.1	108.7	489.9	6.35x0.64
BC cell	25Ah	0820-0004	1.5	1335A	65.3	158.8	173.2	1669.2	M6 (-) and M8 (+) terminals

## Cyclon 4V Monoblocs

Products	Capacity	Part Number	Internal res of fully charged cell mΩ@25°C	Nominal Short Circuit current for charged cell	DIMENSIONS				
					Length mm	Width mm	Height mm	Weight gm	Tabs mm
D cell	2.5Ah	0819-0010	10.0	400A	79.5	46.0	69.9	360	4.75x0.64
X cell	5.0Ah	0809-0010	7.0	570A	96.5	53.8	76.7	740	6.35x0.64
E cell	8.0Ah	0859-0010	6.0	665A	96.8	54.1	101.6	960	6.35x0.64

## Cyclon 6V Monoblocs

Products	Capacity	Part Number	Internal res of fully charged cell mΩ@25°C	Nominal Short Circuit current for charged cell	DIMENSIONS				
					Length mm	Width mm	Height mm	Weight gm	Tabs mm
D cell	2.5Ah	0819-0012	15.0	400A	113.8	46.0	69.9	520	4.75x0.64
X cell	5.0Ah	0809-0012	10.0	570A	139.2	53.8	76.7	980	6.35x0.64
E cell	8.0Ah	0859-0012	8.0	665A	139.2	54.1	101.6	1430	6.35x0.64



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