

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 @ C₁₀ 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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MAR0010 Iss A

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