

Cyclon Cells & Monoblocs



Cyclon Cell and Monobloc Specifications

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