



Cyclon Batteries



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Company Profile

Euro Energy Resources Limited is pleased to present the Cyclon range of batteries manufactured by EnerSys. With over 26 years experience in the battery industry, we supply a wide range of products for a whole host of different sectors including military, medical and emergency service organisations.

Our warehouse facility in Leicester holds a comprehensive range of stock; this combined with our excellent supplier relationships and experience of battery pack manufacture ensures product is competitively priced and can be dispatched quickly. Furthermore, we always provide the highest standards of technical support and after sales service.

Euro Energy has a state of the art testing facility, which combined with the fact that we are a BS EN ISO 9001: 2000 accredited supplier, ensures that only the highest quality products are provided.



About Cyclon Batteries

Using pure lead tin spirally wound technology, originally designed for the specialist military and medical sectors, Cyclon batteries have proven to be very reliable and far superior when used in extreme applications, against standard sealed lead acid batteries. The Cyclon product has many key performance features such as very high output currents, wide operational temperature range and the ability to be recharged within one hour. This combined with the fact that the battery is a dry cell and requires no maintenance makes using Cyclon cells ideal in many types of application.

Cyclon battery cells can be used in custom-built battery packs to obtain voltages in multiples of 2V. They can be formed into many shapes using these compact cylindrical cells. Euro Energy has many years experience in the design and manufacture of custom battery packs using Cyclon cells and have many standard assemblies within their portfolio of products in a variety of voltages and capacities. Euro Energy will always provide the best possible power source for your application.

Applications

- Solar and renewable energy
- Medical/patient handling equipment
- Military/defence applications
- Telecommunications
- Railways
- Offshore oil and gas
- Switch tripping
- Specialist lighting
- Sub sea systems
- Engine starting
- GPS tracking
- Power protection
- Portable lawn/garden products
- Unmanned aircraft

Benefits (Cyclon Cells)

- Charging: To 95% capacity within 1 hour
No requirement to limit charge current
- Storage life: 2 years from fully charged
- Cycle life: Up to 2500 cycles @ 30% depth of discharge
- Float life: 15 years @ 20°C
- High current performance: Up to 26C discharge rate
- Strength: Very high resistance to shock and vibration
- Installation: Can be used in any orientation
- Safety: No loose electrolyte - will not leak acid
- Transportation: Non-hazardous, non-spillable cargo classification by land, air or sea
- Operating temperature: -65°C to +80°C



Monoblocs



BC Cell



X Cell



D Cell



DT Cell



J Cell



E Cell

Euro Energy Part Number	Cyclon Cell Type	Manufacturers Part Number	Voltage (V)	Capacity (Ah)	Pulse Amps	Continuous Amps	Dimensions (mm)	Height (mm)	Height Over Terminals (mm)	Weight (Kg)	Terminal Size (mm)
04000	D Cell	0810-0004	2	2.5	200	65	34 (dia)	61	68	0.2	4.75 x 0.64 Tabs
04006	DT Cell	0860-0004	2	4.5	200	65	34 (dia)	96	103	0.3	4.75 x 0.64 Tabs
04001	X Cell	0800-0004	2	5.0	285	65	44 (dia)	73	82	0.4	6.35 x 0.64 Tabs
04005	E Cell	0850-0004	2	8.0	330	65	44 (dia)	100	109	0.6	6.35 x 0.64 Tabs
04002	J Cell	0840-0004	2	12.0	400	100	52 (dia)	123	136	0.8	7.92 x 0.81 Tabs
04003	BC Cell	0820-0004	2	25.0	665	250	65 (dia)	169	174	1.7	M8 + M6 Threaded Post
04010	D M/bloc	0819-0010	4	2.5	200	50	80x46 (LxW)	70	N/A	0.4	4.75 x 0.64 Tabs
04020	X M/bloc	0809-0010	4	5.0	285	50	97x54 (LxW)	77	N/A	0.8	6.35 x 0.64 Tabs
04036	E M/bloc	0859-0010	4	8.0	330	50	97x54 (LxW)	102	N/A	1.0	6.35 x 0.64 Tabs
04011	D M/bloc	0819-0012	6	2.5	200	50	114x46 (LxW)	70	N/A	0.5	4.75 x 0.64 Tabs
04021	X M/bloc	0809-0012	6	5.0	285	50	139x54 (LxW)	77	N/A	1.0	6.35 x 0.64 Tabs
04031	E M/bloc	0859-0012	6	8.0	330	50	139x54 (LxW)	102	N/A	1.5	6.35 x 0.64 Tabs

Please note other monoblocs are available. Please enquire for details.