

Rechargeable Lead Acid Batteries - continued

Cyclon Sealed Lead Acid Cells and Monoblocs - continued

A wide range of exceptionally high performance 2V cells, monoblocs and custom built packs designed for use in applications using the unique technology of spirally wound electrodes made of pure lead. The Cyclon range is designed for use in applications where high rate, high temperature and fast charge is required.

Charging

For single cells and monoblocs: -
 Cyclic Charge Voltage: 2.35 to 2.5 VPC
 Float Charge Voltage: 2.27 to 2.35 VPC
 No current limit is required when using a voltage regulated charger.

Cyclon Cells

- High rate performance
- Temperature range -65°C to +80°C
- 2 years storage life at 25°C
- Fast charge capability
- Maximum assembly variations
- No loose electrolyte
- 15 year design life (float 20°C)
- High cycle life
- Shock and vibration resistant

Cyclon Monoblocs

- High rate performance
- Standard voltage options
- Temperature range -40°C to +40°C
- 10 year design life (float 20°C)
- Fast charge capability
- No loose electrolyte
- Integral fixing holes
- 2 years storage life at 25°C

Single Cell Technical Information

Capacity	Max. Pulse Discharge (A)	Terminals	Dimensions Height (mm)	Diameter (mm)	Weight Kg	Mftrs. List No.	Order Code
2V 2.5Ah	200	4.75mm tab	67.3	35.5	0.2	9810-0004	147-180
2V 4.5Ah	200	4.74x0.64 tags	103	34	0.3	9860-0004	174-828
2V 5Ah	285	6.35mm tab	80.3	46	0.4	9800-0004	147-181
2V 8Ah	330	6.35mm tab	109	44	0.6	9850-0004	174-830
2V 25Ah	1335	M8 Stud + M6 Stud -	174	65	1.7	9820-0004	147-183

Monobloc Technical Information

Capacity	Max. Pulse Discharge (A)	Terminals	Dimensions Length (mm)	Width (mm)	Height (mm)	Weight kg	Mftrs. List No.	Order Code
6V 2.5Ah	200	4.75mm tab	113	45	70	0.52	9819-0012	427-3369
6V 5.0Ah	285	6.35mm tab	139	54	77	0.98	9809-0012	427-3370
6V 8.0Ah	330	6.35mm tab	139	54	102	1.43	9859-0012	427-3382
12V 2.5Ah	200	4.75mm tab	113	90	70	1.2	9819-0020	121-8977
12V 5Ah	285	6.35mm tab	139	108	77	2.2	9809-0020	121-8981
12V 8Ah	330	6.35mm tab	139	108	102	3.3	9859-0020	121-8982

Cyclon Packs Technical Information

Capacity	Continuous Current (A)	Terminals	Length (mm)	Dimensions Width (mm)	Height (mm)	Weight kg	Mftrs. List No.	Order Code
12V 2.5Ah	17	150mm fly leads	100	69	64	1.2	9810-0115	121-8983
12V 5Ah	17	150mm fly leads	133	90	77	2.4	9800-0115	121-8984
12V 8Ah	17	150mm fly leads	133	90	102	3.8	7002-0015	121-8985

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Mftrs. List No.	Order Code	1+	10+	25+	100+	+
Cyclon Cells						
9810-0004	147-180	439.00	420.00	399.00	368.00	--
9860-0004	174-828	575.00	564.00	548.00	550.00	--
9800-0004	147-181	606.00	569.00	548.00	501.00	--
9850-0004	174-830	873.00	856.00	833.00	786.00	--
9820-0004	147-183	2,522.00	2,394.00	2,287.00	2,107.00	--
Cyclon Monoblocs						
9819-0012	427-3369	939.00	923.00	908.00	850.00	--
9809-0012	427-3370	1,270.00	1,248.00	1,227.00	1,178.00	--
9859-0012	427-3382	1,654.00	1,628.00	1,598.00	1,524.00	--
9819-0020	NEW 121-8977	2,175.00	2,102.00	2,033.00	1,937.00	--
9809-0020	NEW 121-8981	2,830.00	2,735.00	2,644.00	2,520.00	--
9859-0020	NEW 121-8982	3,600.00	3,478.00	3,365.00	3,206.00	--
Cyclon Packs						
9810-0115	NEW 121-8983	4,052.00	3,915.00	3,787.00	3,608.00	--
9800-0115	NEW 121-8984	5,605.00	5,416.00	5,237.00	4,992.00	--
7002-0015	NEW 121-8985	7,670.00	7,415.00	7,176.00	6,844.00	--

Battery Holders

Coin Cell Holders



- A range of PCB mountable coin cell holders
- PCB connections via solder pins
- Contacts are spring steel nickel plate and copper
- Suitable for single cells only



Maximum Cell Dia.	No. of Cells	A	B	C	D	Order Code
12mm	1	11.43	15.06	7.92	9.98	302-9839
12mm	2	11.43	15.06	9.65	9.98	908-630
16mm	1	22.79	19.05	7.93	11.76	676-482
20mm	1	28.35	22.76	8.50	20.50	676-469
20mm	2	30.96	27.76	11.48	20.50	302-9827
24mm	1	30.96	22.76	8.50	20.50	676-470
24mm	2	30.96	27.76	11.48	20.50	302-9815

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Cell Dia.	Order Code	1+	25+	50+	100+
12mm	302-9839	164.00	145.00	119.00	108.00
12mm	908-630	146.00	--	--	--
16mm	676-482 ●	140.00	122.00	101.00	96.00
20mm	676-469 ●	128.00	113.00	93.00	82.00
20mm	302-9827	130.00	114.00	94.00	83.00
24mm	676-470 ●	128.00	113.00	93.00	82.00
24mm	302-9815	130.00	114.00	94.00	83.00

Aluminium Holders

PCB and Chassis Mounting



- Sturdy construction
- Low cost and lightweight
- Brass eyelets and lugs, nickel plated
- Moisture proof insulation washer
- Single and multicell configuration
- Both solder lugs and direct pcb mounting types available

KEYSTONE

203230

5 Per Pack	Order Code	1+	5+	20+
AA (PCB)	206-696	789.00	758.00	721.00
AA (PCB)	206-738	1,246.00	1,215.00	1,132.00
AA (Solder)	206-751	789.00	758.00	623.00
AA (Solder)	206-763	1,234.00	1,203.00	1,121.00
C (Solder)	206-775	833.00	813.00	771.00
C (Solder)	206-805	1,327.00	1,295.00	1,229.00
D (Solder)	206-817	1,464.00	1,428.00	1,356.00
D (Solder)	206-921	1,450.00	1,414.00	1,343.00



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