

**TADIRAN
BATTERIES**

Lithium Primary

Tadiran Batteries is one of the leading manufacturers of primary (non rechargeable) lithium batteries in Europe. Primary lithium batteries provide a number of advantages against traditional chemistries including extended shelf life, increased energy density and a very wide operating temperature. Tadiran has been supplying the industrial market for over 25 years in highly demanding applications. DMS technologies' experience with lithium primary cells means that we can provide complete support when supplying Tadiran batteries. We can provide advice and information when supplying individual cells and can also offer complete support from initial concept through to full production of bespoke designs. Our experience in utilising lithium cells includes applications such as Formula 1 cars, Sub-Sea Technology and Switch Tripping.

Benefits

- High and Stable Voltage 3.6V
- 36Ah Maximum Capacity (DD size)
- Wide Temperature Range (-55 to +85°C)
- High reliability, UL and UN approved
- 10 Year Storage Life, Very Low Self Discharge
- High Pulse Current Capability (PulsesPlus™)
- Immediate Response - No Passivation



Applications

- GPS Tracking Devices
- Tank level monitoring
- Pipe line monitoring
- Data loggers
- Oceanographic devices
- Automatic meter reading
- Defibrillators and other medical devices

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Tadiran Batteries offer a wide range of different cells to suit your specific requirements. Illustrated below are the most popular standard cells, for further information please contact DMS technologies to discuss your requirement

Standard Cylindrical Cells

Cell	Nominal Capacity	Maximum Continuous Discharge	Maximum Pulse Discharge	Dimensions (mm)		Weight (g)
				Diameter	Height	
1/2 AA	1.1Ah	50mA	100mA	14.5	25.2	9.6
2/3 AA	1.5Ah	75mA	150mA	14.5	33.5	12.5
AA	2.4Ah	100mA	200mA	14.5	50.5	18
C	8.5Ah	230mA	400mA	26.2	50.0	49.5
D	19.0Ah	230mA	500mA	32.9	61.5	93
DD	35.0Ah	450mA	1000mA	32.9	124.5	190

DMS technologies is a leading supplier of battery based electrical systems. We design, manufacture and supply high quality, reliable battery based power solutions to the Industrial, Automotive, Military and Telecoms markets. Our bespoke battery systems have been supplied to many Blue Chip engineering and defence companies world-wide.

