

MULTICELL

The Battery Specialists



Fire & Security

www.multicell.co.uk

COIN CELLS & SMALL BATTERIES



From AA, AAA batteries to lithium and button cell batteries, Multicell has everything you need to keep your devices and electronics running smoothly.

COIN CELLS (MORE AVAILABLE ON REQUEST)

Part number	Voltage	Dimensions	Warranty
CR2032	3	20 X 3.2	1 Year
CR2450	3	24 X 5	1 Year
CR2025	3	20 X 2.5	1 Year
CR1225	3	12 X 2.5	1 Year
CR2354	3	23 X 5.4	1 Year
CR2430	3	24 X 3	1 Year

SMALL BATTERIES

PART NUMBER	VOLTAGE	AH	DIMENSIONS	WARRANTY
CR2	3	1	15.1mm X 26.7mm	1 Year
CR123A	3	1.7	16.8mm X 34.3mm	1 Year
CRP2	6	1.4	34mm X 36mm	1 Year
CR1/3N	3	0.17	12mm X 10mm	1 Year
DL1/3N	3	0.16	11.6mm X 10.8mm	1 Year
AA Lithium	1.5	3	50.5mm X 14.5mm	1 Year
AAA Lithium	1.5	1.25	44.5mm X 10.5mm	1 Year
AA Alkaline	1.5	2	50.5mm X 14.5mm	1 Year
AAA Alkaline	1.5	1.175	44.5mm X 10.5mm	1 Year
C Alkaline	1.5	8.35	50mm X 26mm	1 Year
D Alkaline	1.5	20.5	61.5mm X 34.2mm	1 Year
PP3 Alkaline	9	6.3	48.8mm X 16.9mm	1 Year

AVAILABLE BRANDS:

- Energizer
- Panasonic
- Duracell
- GP
- YUASA
- Saft



The long-life version of an alkaline battery, they have a wider operating temperature range. Best for popular applications such as:

- Alarms
- Automation systems
- Electric, gas & water meters
- Safety equipment
- Beacons
- ID systems

DETAILS

- 10-year shelf life
- Voltage stability with high energy density and a lower self-discharge
- Low internal resistance
- Varying capacities available

Part number	Voltage	Ah	Type	Brand	Warranty
LSH20	3.6	13	D cell	Saft	1 Year
LS14500	3.6	2.6	AA cell	Saft	1 Year
LS14250	3.6	1.2	½ AA cell	Saft	1 Year
LSH14	3.6	5.5	C cell	Saft	1 Year
LS17330	3.6	2.1	2/3 A cell	Saft	1 Year

PYRONIX, SCANTRONIX & VISONIC

We supply all Pyronix, Scantronix, Visonic & products. Please contact us for further information and pricing.



CCTV TOWER BLOCKS SEALED MAINTENANCE FREE



This maintenance free product termed 'SMF' uses flooded lead acid technology. Extra chemicals are added to stop water usage within the battery; therefore, eliminating the need to top up or maintain.

DETAILS

- Suitable for deep discharge and charge cycle
- Range has varying size from 80Ah to 235Ah

PROS AND CONS

- + This is one of the most widely used technologies.
- + One of the most readily available technologies.
- + Maintenance free.
- Not the most efficient
- Acid spills can lead to corrosion

WARRANTY, HANDLING AND MAINTENANCE

- Batteries must always be upright in a vented area and insulated
- Voltage must not drop below 11v

Part Number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty
DC24	12	85	260	170	225	1 Year
DC27	12	110	302	175	225	1 Year
DC31	12	120	330	175	240	1 Year
180SMF	12	180	513	223	223	1 Year
235SMF	12	235	514	276	242	1 Year

CCTV TOWER BLOCKS ABSORBED GLASS MAT



The Absorbed Glass Mat (AGM) technology has the electrolyte absorbed in glass mat between the plates. The improvement this makes to both capacity and performance makes it ideal for most applications. This battery may be used in any orientation and will give 100% of the stated capacity.

DETAILS

- Maintenance free
- More life cycles than a flooded product
- Range has varying size from 90Ah to 260Ah
- Can be used in most environment
- Totally sealed
- Can be used in any orientation
- Voltage stability is maintained during discharge
- Voltage must not drop below 11v

PROS AND CONS

- + Actual capacities are more accurate than FLA (Flooded Lead Acid) & SMF (Sealed Maintenance Free)
- + Maintenance free 'fit and forget' technology
- + Does not have to stand upright
- + Totally sealed thus no risk of acid spillage
- + Safe transportation
- Requires a higher voltage charging regime than standard. SMF charging equipment would need to be adjusted
- Initial outlay costs are greater than SMF

Part Number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty
DC24A	12	90	260	169	210	1 Year
DC27A	12	110	306	166	208	1 Year
DC31A	12	125	328	172	222	1 Year
160-12	12	160	340	173	280	1 Year
200-12	12	200	530	209	219	1 Year
230-12	12	230	522	240	224	1 Year
260-12	12	260	521	269	208	1 Year

CCTV TOWER BLOCKS MAXI LIFEPO4



Longer Cycle Life

Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid batteries, helping to reduce total cost of ownership.

Light Weight

Around 40% lighter than SLA batteries.

Faster Charging

Charges up to 3 times faster as SLA batteries.

Increased Flexibility

Modular design enables deployment of more parallel and series configurations.

Part number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Warranty	Bluetooth/ heater
L100-12UM	12	100	330	170	215	2 Years	
L100-12BLU	12	100	330	170	215	5 Years	Bluetooth
L100-12BLUH	12	100	330	170	215	5 Years	Bluetooth & heater
L200-12UM	12	200	575	295	272	5 Years	
L200-12BLU	12	200	575	295	272	5 Years	Bluetooth



AIR ALKALINE

Ideal for low current applications. Environmentally friendly and suitable for use in explosive atmospheres.

DETAILS

- Maintenance free and safe to handle
- Non-rechargeable option for towers

Part number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Brand	Warranty
ZZ8-6/140	6	140	160	75	130	Maxi	1 Year
ZZ6-350	6	350	171	85	208	Maxi	1 Year
ZZ9-120	9	120	166	112	114	Maxi	1 Year
ZZ9-400	9	400	272	147	130	Maxi	1 Year
ZZ12-350	12	350	200	170	200	Maxi	1 Year
ZZ12-600	12	600	216	216	226	Maxi	1 Year

Other sizes available upon request.

SEALED LEAD ACID- POWER SONIC



Certain Power Sonic models are VDS approved. VDS is a world leading inspection and certification company in the life of safety industry.

Compliant with the LVD and to EU regulations UL94-V0 and IEC62368-1 B. The Flame Retardant range are indispensable for the reliability of many security and fire systems, being the first choice for a lot of original equipment manufacturers.

DETAILS

- Power and volume ration yielding unrivalled energy density
- Valve regulated, spill proof construction allows safe operation in any orientation
- Low discharge rate for long shelf life

POPULAR RANGE OF POWER SONIC

Part number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
3.4-6	6	3.4	134	34	60	0.70
4.5-6	6	4.5	70	47	105	0.85
7-6	6	7	151	34	94	1.35
1.2-12	12	1.2	97	43	52	0.60
2.1-12	12	2.3	178	35	61	0.99
3.4-12	12	3.4	134	67	67	1.40
7-12	12	7	151	65	97.5	2.20
9-12	12	8.5	151	65	100	2.80
12-12	12	12	151	98	95	3.60
14-12	12	14	151	98	98	4.10
17-12	12	17	181	77	167	6.10
26-12	12	26	166	175	125	8.20
38-12	12	38	198	166	171	14.20
75-12	12	75	281	169	207	24.90
100-12	12	100	306	166	208	30.60



SEALED LEAD ACID- POWER SONIC

(For use in fire protection & security equipment)

Certain Power Sonic models are VDS approved. VDS is a world leading inspection and certification company in the life of safety industry.

Compliant with the LVD and to EU regulations UL94-V0 and IEC62368-1 B. The Flame Retardant range are indispensable for the reliability of many security and fire systems, being the first choice for a lot of original equipment manufacturers.

POPULAR RANGE OF POWER SONIC FLAME RETARDENT (FR)

Part number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
1.3-6	6	1.3	97	24	52	0.32
3.4-6	6	3.4	134	34	60	0.70
12-6	6	12	151	50	95	1.92
1.2-12	12	1.2	97	43	52	0.57
3.4-12	12	3.4	134	67	67	1.40
7-12	12	7	151	65	97.5	2.20
9-12	12	8.5	151	65	100	2.80
12-12	12	12	151	98	95	3.75
14-12	12	14	151	98	100	4.50
18-12	12	18	181	77	167	6.20
21-12	12	21	181	77	167	6
26-12	12	26	166	175	125	8.20
40-12	12	40	198	166	171	13.20
65-12	12	65	348	167	178	21
75-12	12	75	260	168	207	24.90

SEALED LEAD ACID BATTERIES - RITAR



Multicell has been the master distributor for RITAR since 2006. RITAR's Sealed Lead Acid batteries are suitable for a wide range of applications such as alarm systems, emergency power and emergency lighting.

DETAILS

- Sealed & maintenance-free
- Leak proof
- Long life: up to 5 years (at 20°C) in float charge
- Low self-discharge: lead-calcium alloy grids
- Easy installation: can be installed and operated in any orientation

Part number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
1.3-6	6	1.3	97	24	52	0.32
3.2-6	6	3.2	134	35	61	0.65
4.5-6	6	4.5	70	47	101	0.85
8-6	6	8	151	34	94	1.20
12-6	6	12	151	50	95	1.80
1.2-12	12	1.2	97	43	52	0.60
2.3-12	12	2.3	178	35	61	0.99
2.9-12	12	2.9	80	56	98	1.10
3.2-12	12	3.2	134	67	61	1.30
5-12	12	5	90	70	101	1.60
7-12	12	7	151	65	97.5	2.20
7.2-12	12	7.2	151	65	93.5	2.35
10-12	12	10	151	65	111	3.25
12-12	12	12	151	98	95	3.60
14-12	12	14	151	98	98	4.10
20-12	12	20	181	77	167	5.90
22-12	12	22	181	77	167	6.40
26-12	12	26	166	175	125	8.20
33-12	12	33	195	130	159	10.20
40-12	12	40	198	166	171	13.20
50-12	12	50	196	166	170	15
70-12	12	70	260	169	210	22.50



SEALED LEAD ACID BATTERIES – YUASA

Sealed Lead Acid batteries (SLA) are designed to be maintenance-free, leak-proof and position insensitive, and have enough acid within the battery to maintain the chemical reaction for prolonged periods. Widely used in uninterruptible power source such as emergency lights, uninterruptible power supplies (UPS), alarm systems and communication systems.

DETAILS

- Sealed & maintenance-free
- Leak proof
- Long life: up to 5 years (at 20°C) in float charge
- Low self-discharge: lead-calcium alloy grids
- Easy installation: can be installed and operated in any orientation (except permanently inverted)

Part number	Voltage	Ah	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
1.2-6	6	1.2	97	24	52	0.32
4-6	6	4	70	47	105	0.85
12-6	6	12	151	50	95	1.80
1.2-12	12	1.2	97	43	52	0.60
2.3-12	12	2.3	178	35	61	0.99
2.9-12	12	2.9	80	56	98	1.10
3.2-12	12	3.2	134	67	61	1.30
5-12	12	5	90	70	101	1.60
7-12	12	7	151	65	97.5	2.20
9-12	12	9	151	65	100	2.80
12-12	12	12	151	98	95	3.60
17-12	12	17	181	77	167	6.10
18-12	12	18	181	77	167	6.20
24-12	12	24	166	175	125	8.65

EMERGENCY LIGHTING PACKS



Emergency lighting battery packs are constructed from high-temperature cells allowing them to be continuously charged for high-rate discharge when main power fails.

We can build cells into any standard configuration or custom design, incorporating where necessary, flying leads, connectors, end caps or mounting plates. With our large stocks and fast turnaround, we can facilitate all emergency lighting requirements.

POPULAR RANGE SHOWN BELOW. PLEASE CONTACT US FOR OTHER CONFIGURATIONS.

Ni-Cd HIGH TEMPERATURE 4AH D CELL PACKS			
1 Cell	ND4HT1L 1xD+FLY LEADS 	ND4HT14.75 1xD+4.75 SPADES 	ND4HT16.00 1xD+6.00 SPADES
	ND4HT2STKL 2xD STICK + FLY LEADS 	ND4HT2STK4.75 2xD STICK + 4.75MM SPADES 	ND4HT2STK6.00 2xD STICK + 6.00MM SPADES
2 Cell	ND4HT3STKL 3xD STICK + FLY LEADS 	ND4HT3STK4.75 3xD STICK + 4.75MM SPADES 	ND4HT3STK6.00 3xD STICK + 6.00MM SPADES
	ND4HT4STKL 4xD STICK + FLY LEADS 	ND4HT4STK4.75 4xD STICK + 4.75MM SPADES 	ND4HT4STK6.00 4xD STICK + 6.00MM SPADES
3 Cell	ND4HT5STKL 5xD STICK + FLY LEADS 	ND4HT5STK4.75 5xD STICK + 4.75MM SPADES 	ND4HT5STK6.00 5xD STICK+6.00MM SPADES
	ND4HT6STKL 6xD STICK + FLY LEADS 	ND4HT6STK4.75 6xD STICK + 4.75MM SPADES 	ND4HT6STK6.00 6xD STICK + 6.00MM SPADES
4 Cell	ND4HT5STKL 5xD STICK + FLY LEADS 	ND4HT5STK4.75 5xD STICK + 4.75MM SPADES 	ND4HT5STK6.00 5xD STICK+6.00MM SPADES
	ND4HT6STKL 6xD STICK + FLY LEADS 	ND4HT6STK4.75 6xD STICK + 4.75MM SPADES 	ND4HT6STK6.00 6xD STICK + 6.00MM SPADES
5 Cell	ND4HT5STKL 5xD STICK + FLY LEADS 	ND4HT5STK4.75 5xD STICK + 4.75MM SPADES 	ND4HT5STK6.00 5xD STICK+6.00MM SPADES
	ND4HT6STKL 6xD STICK + FLY LEADS 	ND4HT6STK4.75 6xD STICK + 4.75MM SPADES 	ND4HT6STK6.00 6xD STICK + 6.00MM SPADES
6 Cell	ND4HT5STKL 5xD STICK + FLY LEADS 	ND4HT5STK4.75 5xD STICK + 4.75MM SPADES 	ND4HT5STK6.00 5xD STICK+6.00MM SPADES
	ND4HT6STKL 6xD STICK + FLY LEADS 	ND4HT6STK4.75 6xD STICK + 4.75MM SPADES 	ND4HT6STK6.00 6xD STICK + 6.00MM SPADES
NiMH HIGH TEMPERATURE 4AH 400LHT PACKS			
MCI3833 2x400LAHT NiMH STICK+SPADE TERMINALS 		MCI3838 3x400LAHT NiMH STICK+SPADE TERMINALS 	
OPTIONAL ACCESSORIES FLY LEADS SOLDER TAGS 4.75mm SPADES 6.00mm SPADES AMP CONNECTOR (CHECK POLARITY) SINGLE END CAPS DOUBLE END CAPS PLATE			



BESPOKE BATTERIES

Our specialist team produce all our bespoke battery packs in our UK workshop. Our bespoke batteries are built to the highest safety and quality standards (ISO 9001 certified). Please contact us to discuss your bespoke power requirements.

ACCESSORIES



Choose from a wide range of battery accessories to keep your equipment running smoothly. If you require any advice choosing the correct accessories for your power system, please contact our battery specialists.

Accessories (More available on request)	
Low voltage cut off switch	Cargo adaptors (positive + negative)
Automatic change over switch	Reverse terminal kit
Terminal covers small & large	Quick release clamp
M6 & M8 posts	Battery boxes
Leads (50mm, 100mm & 200mm)	Isolator switches

CONTACT US

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