



深圳市欧迅光电科技有限公司

SHENZHEN OXUN PHOTOELECTRIC TECHNOLOGY CO.,LTD.

Specialized in Lithium Battery and accessories

Professional Lithium Battery Supplier



LITHIUM BATTERY CATALOG

oxun



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SHENZHEN • CHINA

SHENZHEN OXUN PHOTOELECTRIC TECHNOLOGY CO.,LTD

Enterprise culture

initiative to understand customers' needs, predicted the market changes, and puts forward an innovative solution; Use of the creative thinking and advanced technology, innovation, and improve service levels



Enterprise Mission, Service Mission

Enterprise Mission

To keep trying and struggling for happiness work and life of staffs.
to make effort on innovation for interests and development for
Co-partners and achieve satisfaction and success.
to submit competitive methods of resolution for development and
renovation of the trade.

Service Mission

Supplying sincere, professional, creative service in presale, point-of -
sale and after service.
Supplying the most professional solutions on type, brand and price for clients.



Company Profile

SHENZHEN OXUN PHOTOELECTRIC TECHNOLOGY CO.,LTD

We are one of professional companies for products of 3.0V Lithium button cells, 3.6V Li-ion button cells, Ni-Mh and Ni-Cd rechargeable batteries, Alkaline batteries, battery holders, Tabbed batteries and OEM Branded batteries.

OXUN are concentrated on the needs of electronic products design and supply of the particular batteries, for instance Car-remote batteries, 3D glasses batteries, RFID batteries, CMOS batteries, RTC batteries etc.

We are known in these industry field, and grown to be recognized by the majority of customers and recommended many large enterprises. OXUN will focus on "green, ecology, environmental, and quality", and always provide perfect battery solutions for you.

TIPS: HOW TO CHOOSE RIGHT BATTERY SUPPLIER

1. Performance-price ratio

Choosing good price one, or good quality one, how to keep balance? it's a problem.

2. The capacity, stability, storage performance

How to find the reliable button cell supplier? and which battery functions you need to concern?

3. The working condition and discharging platform

Batteries form different factories like different athletes, some are good at long-range running, some are good at dash, some are outstanding on all items, how to find the one fit your products?

4. The connecting way with products like PCB

Different application way require different way of connecting, are you aware of it?

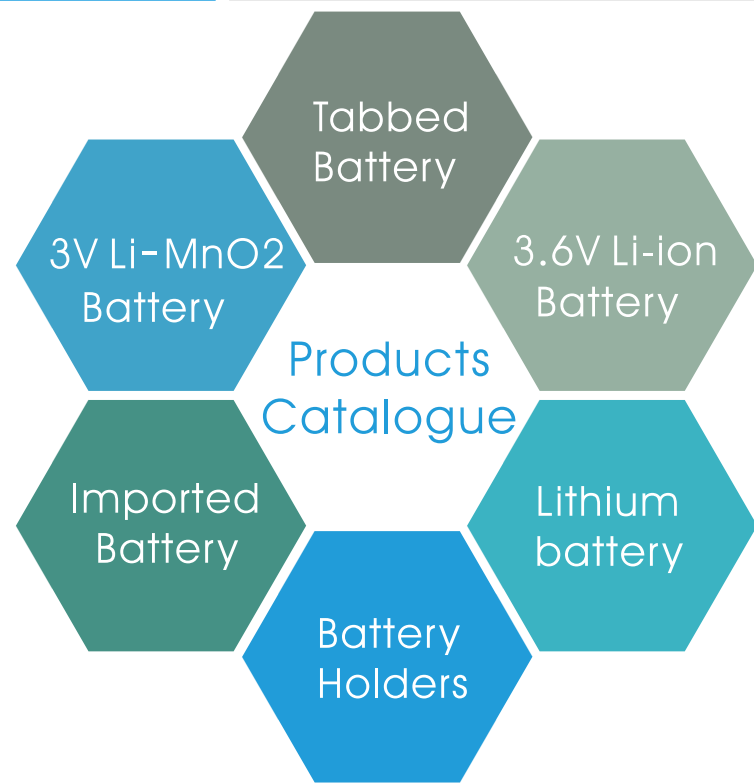
5. the main points you need to know when choosing tabbed batteries

is there any damage if welding pins to the battery, how to design the PCB layout? Choosing a mature solution or a totally new one? is there any time limit on the welding? is the tab easily welded to the PCB?

The above all elements which will influence the cost and also the lead time.

if you are aware of above questions please contact with us





Button Cells:

1. Button cells

High energy density ratio, long storage time, safe and environmentally friendly.

2. How to name the button Cells?

For instance, CR2032 CR mean Lithium Manganese dioxide Battery , its diameter is 20mm, and thickness is 3.2mm.

3. How to install Button cells?

- (1). Battery with holders
- (2). RTC with line , Tabbed
- (3). OEM Application solutions



4. Button cells Application:

Widely used in computer motherboards, remote controls, and active RFID. Products, price tags, 3D glasses, cameras, electronic dictionaries, calculators, And electronic flashing products, electronic notebooks, LED lights etc.



CR2032



CR2450



CR2477

3V Lithium Manganese Dioxide Cells

Model	Nominal Voltage (V)	Dimensions Φ*H (mm)	Nominal Capacity (mAh)	Nominal Current (mA)	High Drain Continous (mA)	High Drain Pulse (mA)	Weight (g)
CR927	3.0	9.5x2.7	30	0.05	1.0	5.0	0.6
CR1025	3.0	10.0x2.5	30	0.05	1.0	5.0	0.6
CR1216	3.0	12.5x1.6	25	0.05	1.0	5.0	0.7
CR1220	3.0	12.5x2.0	40	0.05	1.0	5.0	0.85
CR1225	3.0	12.5x2.5	48	0.1	1.0	5.0	1.0
CR1616	3.0	16.0x1.6	50	0.1	1.0	8.0	1.2
CR1620	3.0	16.0x2.0	68	0.1	2.0	8.0	1.3
CR1632	3.0	16.0x3.2	125	0.2	2.0	10.0	1.6
CR2016	3.0	20.0x1.6	75	0.2	2.0	15.0	1.8
CR2025	3.0	20.0x2.5	150	0.2	3.0	15.0	2.4
CR2032	3.0	20.0x3.2	230	0.2	5.0	15.0	3.0
CR2330	3.0	23.0x3.0	250	0.2	8.0	18.0	4.0
CR2335	3.0	23.0x3.5	300	0.3	8.0	18.0	4.2
CR2354	3.0	23.0x5.4	550	0.2	8.0	18.0	6.3
CR2430	3.0	24.5x3.0	285	0.2	10.0	18.0	4.5
CR2450	3.0	24.5x5.0	600	0.4	13.0	18.0	6.5
CR2477	3.0	24.5x7.7	1000	0.4	15.0	20.0	8.5
CR3032	3.0	30.0x3.2	550	0.5	15.0	20.0	6.8

All the parts were passed RoHS test, for specifications in details, please check our website or contact us.



LIR1654



LIR2032



LIR2450

3.6V Lithium Manganese Dioxide Rechargeable Battery LIR series

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Max Discharge current (mA)	Resistance (mΩ)	Diameter (mm)	Height (mm)	Weight (g)
LIR1040	3.6	30±2	1C	≤600	10.0	4.0	1.1
LIR1220	3.6	8±3	1C	≤600	12.5	2.0	0.8
LIR1254	3.6	60±5	1C	≤600	12.0	5.4	1.8
LIR1620	3.6	16±3	1C	≤2000	16.0	2.0	1.2
LIR1632	3.6	25±5	1C	≤2000	16.0	3.2	1.7
LIR1654	3.6	110±5	1C	≤600	16.0	5.4	2.4
LIR2016	3.6	18±2	2C	≤2000	20.0	1.6	1.7
LIR2025	3.6	25±5	2C	≤2000	20.0	2.5	2.3
LIR2032	3.6	40±5	2C	≤600	20.0	3.2	2.8
LIR2050	3.6	80±5	2C	≤600	20.0	5.0	3.8
LIR2430	3.6	60±5	2C	≤500	24.5	3.0	3.8
LIR2440	3.6	145±5	1C	≤600	24.5	4.0	4.0
LIR2450	3.6	120±5	2C	≤400	24.5	5.0	5.0
LIR2477	3.6	200±5	2C	≤400	24.5	7.7	7.0
LIR3032	3.6	180±5	2C	≤400	30.0	3.2	7.0
LIR3048	3.6	280±5	2C	≤400	30.0	4.8	9.4

All the parts were passed RoHS test, for specifications in details, please check our website or contact us.

Panasonic 3.0V Lithium Manganese Dioxide Batteries

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Nominal Discharge current (mA)	Diameter (mm)	Height (mm)	Weight (g)
CR1220	3.0	35	0.1	12.5	2.0	1.2
CR1616	3.0	55	0.1	16.0	1.6	1.2
CR1620	3.0	75	0.1	16.0	2.0	1.3
CR2016	3.0	90	0.1	20.0	1.6	1.6
CR2025	3.0	165	0.2	20.0	2.5	2.5
CR2032	3.0	225	0.2	20.0	3.2	3.2
CR2330	3.0	265	0.2	23.0	3.0	3.8
CR2450	3.0	620	0.2	24.5	5.0	6.3
CR2477	3.0	1000	0.2	24.5	7.7	10.5



CR1220



CR2016



CR2032



CR2450

Panasonic 3.0V Lithium Poly-carbon Monofluoride BR series

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Nominal Discharge current (mA)	Diameter (mm)	Height (mm)	Weight (g)	work Temperature (°C)
BR1225	3.0	48	0.03	12.5	2.5	0.8	-30~80
BR1225A	3.0	48	0.03	12.5	2.5	0.8	-40~125
BR1632A	3.0	120	0.03	16.0	3.2	1.5	-40~125
BR2032	3.0	190	0.03	20.0	3.2	2.5	-30~80
BR2330A	3.0	225	0.03	23.0	3.0	3.2	-40~125
BR2330	3.0	225	0.03	23.0	3.0	3.2	-30~80
BR2477A	3.0	1000	0.03	24.5	7.7	10.5	-40~125

For tabbed batteries, please check our website or contact us.

Maxell 3.0V Coin Type Lithium Manganese Dioxide Batteries

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Nominal Discharge current (mA)	Diameter (mm)	Height (mm)	Weight (g)
CR2016	3.0	90	0.1	20.0	1.6	1.7
CR2025	3.0	170	0.2	20.0	2.5	2.5
CR2032	3.0	220	0.2	20.0	3.2	3.1
CR2050HR	3.0	350	0.2	20.0	5.0	4.1
CR2032HR	3.0	210	0.2	20.0	3.2	3.1
CR2450HR	3.0	550	0.2	24.5	5.0	6.8
ML2032	3.0	65	0.2	20.0	3.2	3.1



CR2032



CR2450HR



CR2032



CR2450

muRata 3.0V Lithium Manganese Dioxide Batteries

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Nominal Discharge current (mA)	Diameter (mm)	Height (mm)	Weight (g)
CR2032	3.0	220	0.2	20.0	3.2	3.2
CR2450	3.0	610	0.2	24.5	5.0	6.6
CR2477	3.0	1000	0.2	24.5	7.7	10.5
CR2050W	3.0	345	0.2	20.0	5.0	4.4
CR2032W	3.0	210	0.2	20.0	3.2	3.2
CR2450W	3.0	550	0.2	24.5	5.0	6.6
CR2477W	3.0	1000	0.2	24.5	7.7	10.5

For tabbed batteries, please check our website or contact us.

Other Imported Batteries



CR2
3.0V 850mAh



ML1220
3.0V 15mAh



CR123A
3.0V 1400mAh



MS412FE-MS412FE-FL26E
SII Batteries Series



MS621FE-FL11
SII Batteries Series



MS920SE-FL27E
SII Batteries Series



CR2050HR
Maxell Batteries Series



CR2032B
Panasonic Batteries



CR2450W
muRata Batteries

For more imported batteries, please check our website or contact us.



502030



702030



103040

3.7V Rechargeable Li-Polymer battery series

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Thickness (mm)	Width (mm)	Length (mm)	Weight (g)
102050	3.7	1000	1.0	20	50	18.0
103040	3.7	1200	1.0	30	40	25.5
303040	3.7	300	3.0	30	40	7.0
402030	3.7	170	4.0	20	30	4.4
403035	3.7	400	4.0	30	35	6.8
403040	3.7	450	4.0	30	40	10.0
502020	3.7	150	5.0	20	20	4.5
502040	3.7	350	5.0	20	40	7.8
502535	3.7	400	5.0	25	35	6.8
503040	3.7	500	5.0	30	40	9.0
602025	3.7	250	6.0	20	25	4.4
602535	3.7	500	6.0	25	35	9.0
702030	3.7	380	7.0	20	30	7.8
703048	3.7	1000	7.0	30	48	18.5
802040	3.7	650	8.0	20	40	8.0
803040	3.7	900	8.0	30	40	13.2
902030	3.7	500	9.0	20	30	9.0
902040	3.7	700	9.0	20	40	14.0

All the parts were passed RoHS test, for specifications in details, please check our website or contact us.



18650



18650 with wires



18650 battery packs

3.7V Rechargeable Cylindrical Li-ion battery series

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	End of charge /discharge Voltage (V)	Dimensions (mm)	charge current (mA)	Discharge current (mA)	Weight (g)
10180	3.7	80	4.2/2.75	10x18.0	0.2-1C	0.2-2C	5
10220	3.7	110	4.2/2.75	10x22.0	0.2-1C	0.2-2C	5
10280	3.7	150	4.2/2.75	10x28.0	0.2-1C	0.2-2C	5
10440	3.7	320	4.2/2.75	10x44.0	0.2-1C	0.2-2C	10
14200	3.7	170	4.2/2.75	14x20.0	0.2-1C	0.2-2C	6
14250	3.7	280	4.2/2.75	14x25.0	0.2-1C	0.2-2C	12
14280	3.7	300	4.2/2.75	14x28.0	0.2-1C	0.2-2C	26
14430	3.7	700	4.2/2.75	14x43.0	0.2-1C	0.2-2C	17
14500	3.7	800	4.2/2.75	14x50.0	0.2-1C	0.2-2C	18
14650	3.7	1000	4.2/2.75	14x65.0	0.2-1C	0.2-2C	26
16340	3.7	700	4.2/2.75	16x34.0	0.2-1C	0.2-2C	20
16500	3.7	1100	4.2/2.75	16x50.0	0.2-1C	0.2-2C	23
18350	3.7	900	4.2/2.75	18x35.0	0.2-1C	0.2-2C	33
18490	3.7	1400	4.2/2.75	18x49.0	0.2-1C	0.2-2C	33
18650	3.7	2000	4.2/2.75	18x65.0	0.2-1C	0.2-2C	43
26500	3.7	3200	4.2/2.75	26x50.0	0.2-1C	0.2-2C	65

All the parts were passed RoHS test, for specifications in details, please check our website or contact us.

3.6V Lithium-thionyl chloride battery series



Features:
 The lithium-thionyl chloride battery has a high voltage and is the most energy-efficient battery in lithium batteries.

Working temperature: -55 ° C to +85 ° C.
 Storage temperature: -10 ° C and +45 ° C.

Advantages:
 It exhibits excellent high and low temperature performance, annual self-discharge rate ≤1%, and storage life of more than 10 years.

Model	Nominal Voltage (V)	Termination Voltage (V)	Nominal Capacity (mAh)	High Drain Continuous (mA)	Dimensions (mm)	Weight (g)
ER10450	3.6	2.0	1000	50	10.5x45.0	6
ER14250	3.6	2.0	1200	50	14.5x25.0	11
ER14335	3.6	2.0	1600	50	14.5x33.5	13
ER14505	3.6	2.0	2700	100	14.5x50.5	19
ER17335	3.6	2.0	2200	130	17.5x33.5	19
ER17505	3.6	2.0	3300	100	17.5x50.5	26
ER18505	3.6	2.0	4000	100	18.5x50.5	32
ER26500	3.6	2.0	9000	200	26.2x50.0	55
ER34615	3.6	2.0	19000	200	24.2x61.5	107
ER9V	10.8	6.0	1200	50	48.8x17.5x27.5	40

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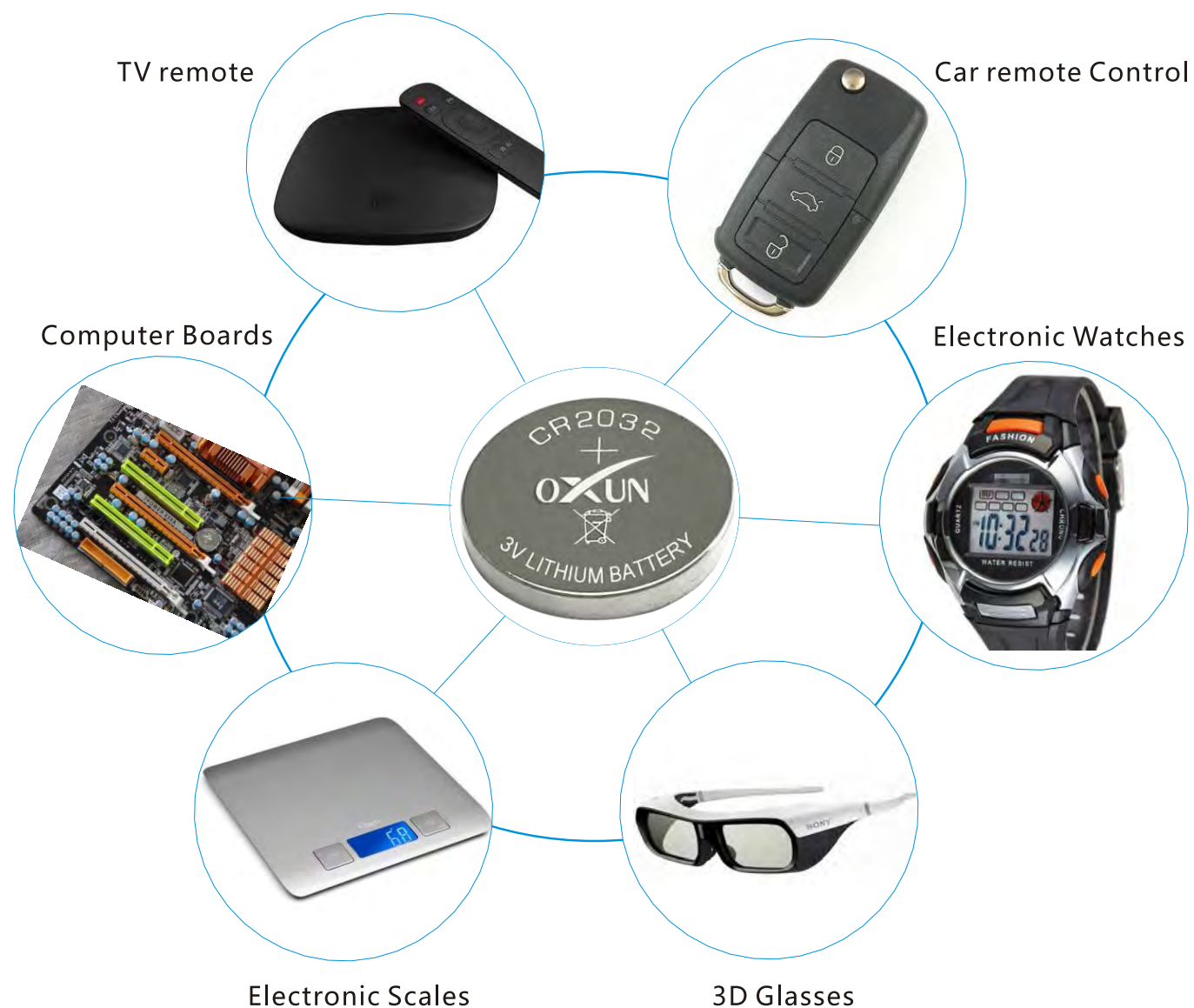
Button Battery Holders



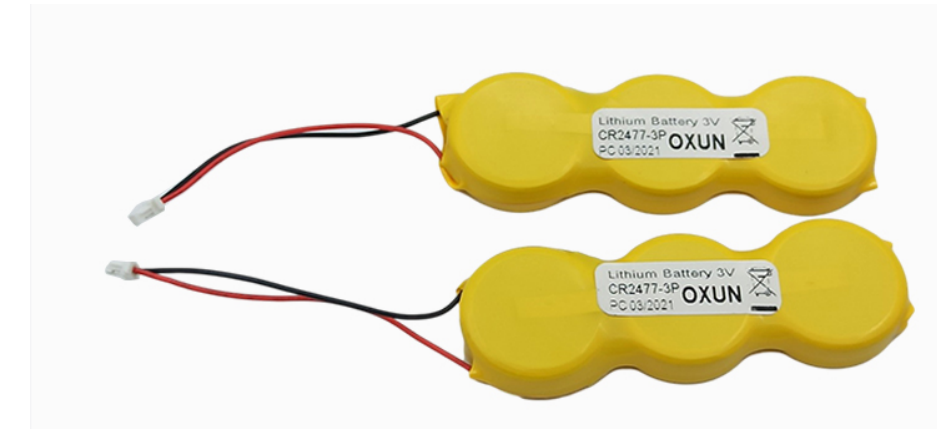
All the parts were passed RoHS test, for specifications in details, please check our website or contact us.

Application

Widely used in computer boards, TV boxes, remote controls, active RFID products, price tags, 3D glasses, cameras, electronic dictionaries, calculators, electronic watches, POS machines, electronic scales, blood glucose meters, electronic toys and electronic flash products. Electronic instruments such as electronic notebooks, LED lights, electric meters, and wave shoes.



Digi-key



Laptop, Card boards



POS products, intelligent watch, LED shoes

