



# LITHIUM

**BATTERY EXPERT**

**Shun Wo New Power Battery Technology LTD**





## COMPANY BACKGROUND

**Shun Wo New Power Battery Technology Ltd.** is a Hong Kong based company that has been specializing and stocking in lithium batteries since 1993 and is now one of the leading battery manufacturers branding **NEWSUN®**. We are strong in R&D, manufacturing, and distributing of Primary Lithium Manganese Dioxide Coin Batteries (CR 3.0V), Rechargeable Lithium-ion Coin Batteries (LIR 3.6V), Rechargeable Lithium Manganese Dioxide Coin Batteries (ML 3.0V), as well as Rechargeable Lithium Polymer Batteries (PL 3.7V).

NEWSUN batteries are certified of ISO9001, ISO14001, UL, CE, RoHS, REACH, IEC, UN38.3, etc. We have earned a trustworthy reputation and recognition from both domestic and overseas markets and have been in partnership with numerous of Fortune 500 Companies for years.

Our new 60,000 sq. meters industrial park has been in production in 2011. This expansion provides us the capability to lead in additional advanced equipments and technology. Our mission will continue as to guarantee our customers a superior and satisfied products and service experience that meets the world leading standards.

For further information, please visit us at  
[www.shunwo.com.hk](http://www.shunwo.com.hk) / [www.newsun.com.hk](http://www.newsun.com.hk).

# CR 3.0V

## PRIMARY

- Lithium Manganese Dioxide (Li/MnO<sub>2</sub>)
- Primary / Non-rechargeable
- Environmentally friendly / recyclable
- Small size and light weight with high voltage and energy density
- Good characteristics in wide and varied operating conditions
- Reliable and long service life
- Widely use as a main power source for mini handheld devices and back-up memory support for varied software programs

Model	Capacity (mAh)
CR1205	30
CR1216	25
CR1220	38
CR1225	50
CR1530	85
CR1616	50
CR1620	70
CR1632	120
CR2016	75
CR2025	150
CR2032	210/220
CR2320	130
CR2325	190
CR2330	260
CR2335	300
CR2354	530
CR2430	270
CR2450	550
CR2450c	600
CR2477	950
CR3032	550



## ML 3.0V & LIR 3.6V

### RECHARGEABLE

The charging and discharging principle classified them suitable for the rechargeable requirement devices at a high open circuit voltage in comparison to aqueous batteries and thus increases the amount of power that can be transferred at a lower current. In particular to the products that are given of a limited space for battery placements, and require a rechargeable power supply, ML and LIR batteries are highly recommended. **ML 3.0V is made of Lithium Manganese Dioxide & LIR 3.6V is made of Lithium Ion.**

- Rechargeable characteristics
- Environmentally friendly
- Small size and light weight with high voltage and energy density
- table operating temperature characteristics
- Immune from leaking
- Good characteristics in wide and varied operating conditions
- Adaptable to custom-made rechargeable products

Model	Capacity (mAh)
LIR2302	min. 40
LIR2430	min. 60
LIR2450	min. 110
LIR2477	min. 180
LIR3032	min. 120

Model	Capacity (mAh)
ML2032	min. 70
ML2430	min. 110







## PL 3.7V

### RECHARGEABLE

Model	Capacity(mAh)	Voltage	Numberof battery
PL552120	170	3.7V	single battery
PL712032	420	3.7V	single battery
PL363562	800	3.7V	single battery
PL603048-2P	1200	3.7V	two batteries
PL505867-2S1P	2600	7.4V	two batteries
PL735061-2S2P	5000	7.4V	four batteries
PL98100113-6S1P	9000	22.2V	six batteries
PL4375310	10000	3.6V	one battery

- Lithium-ion Polymer
- Rechargeable characteristics
- Highly flexible dimension depending on customer design
- Light weight
- Provide a high energy density
- Capable to modify with protection circuit to ensure an excellent safety level
- Leakage problems are lessen
- Higher cost-to-energy ratio in comparison to all other kinds of rechargeable battery categories
- Extremely efficient in custom-made battery performance