BATTERY SAFETY INFORMATION

Read and abide by warning notice below for your safety.
قارئه والالتزام إشعار تحذيري أدناه على سلامتك.
Прочитайте и соблюдайте приведенное ниже предупреждение для вашей безопасности.
Leggere e rispettare le avvertenze riportate di seguito per la vostra sicurezza.
安全のため、下記の警告事項をよく口み、それに口ってください。
Lea y respete el siguiente aviso de advertencia para su seguridad.
안전을 위해 아래 경고주의 사항을 읽고 준수하십시오.
Lesen Sie sich zu Ihrer Sicherheit die unten stehenden Warnhinweise durch.

WARNING: **IF MISUSED, CELL CAN EXPLODE CAUSING SEVERE BURN INJURY AND PROPERTY DAMAGE.**
READ BELOW THOROUGHLY.

CELL = BATTERY

- **KEEP OUT OF REACH OF CHILDREN** and pets.
- **DO NOT PUT IN FIRE**, oven, microwave, or heat over 100ºC (212ºF), as it can explode.
- **NEVER CARRY** or store **OUTSIDE** of its protective packaging or a **PROTECTIVE CELL CASE**.
- **NEVER PUT IN POCKET**, purse, or anywhere **WITH METAL OBJECTS** including **COINS** and **KEYS.** Otherwise cell could short-circuit and EXPLODE.
- **DO NOT USE IN A DEVICE THAT EXCEEDS MAX CELL WATTAGE** (listed on each cell and retail packaging). Otherwise if device fails to stop pulling power, the cell capabilities can be exceeded causing catastrophic failure and EXPLODE.
- **DO NOT USE LOWER RESISTANCE (Ω) #** (listed on each cell and retail packaging). Otherwise cell capabilities can be exceeded causing catastrophic failure and EXPLODE.
- **DO NOT USE CELL WITH DAMAGE TO ITS STRUCTURE OR OUTER PROTECTIVE LABEL** (also called "WRAP", "sleeve", "skin"). Damage may include: dent(s), tear(s), nick(s), puncture(s), corrosion, or any other abnormalities or undisclosed damage(s). Otherwise cell can short-circuit and EXPLODE. **ALWAYS INSPECT** cell **VISUALLY** and by **TOUCH** to **SEE/FEEL for damage BEFORE each use**. *USE ILLUSTRATION BELOW AS GUIDELINE.*
- **NEVER LEAVE UNATTENDED WHILE CHARGING.** As unlikely as it may be, a charger could malfunction or cause a short-circuit, leading to catastrophic failure and EXPLODE.
- **WHEN CHARGING, REMOVE CELL(s) FROM CHARGER ONCE FULLY CHARGED** to ensure they are not at risk of exposure to any potential charger malfunction such as overcharging. **ONLY USE LI-ION CHARGER (3.6V & 3.7V)**
- **DO NOT CHARGE HIGHER THAN MAX CHARGE VOLTAGE (V)** (typically 4.2V) **or DISCHARGE BELOW MAX VOLTAGE CUT-OFF (V)** (typically 2.5V) outlined inside this brochure. Otherwise this can cause irreversible damage or catatrophic failure and EXPLODE.
- **ALWAYS USE MATCHING CELLS** in **MULTI-CELL DEVICES**. Differences in cell capacity can lead to overcharging or over-discharging cell. This can lead to catastrophic failure of one or more cells causing EXPLOSION.
- **IF USING A MULTI-CELL DEVICE, IT MUST HAVE A NON-CONDUCTIVE BARRIER** (typically plastic) **TO PREVENT ANY CELL FROM TOUCHING METAL** except for the very center of top and bottom of cell. Otherwise cell(s) could short-circuit and EXPLODE.
- **ALWAYS** use, connect, charge, and **OPERATE CELLS WITHIN THEIR CAPABILITIES** as listed on cell, packaging, and in this brochure, while adhering to the device's user manual.
- **IF USED IN A DEVICE THAT CAN OR DOES USE MORE THAN 50%** of cell **MAX AMPERAGE OR MAX WATTAGE (W) LIMIT,** (listed on each cell and its packaging), **REPLACE WITHIN 100 DAYS OF PURCHASE OR IMMEDIATELY IF DAMAGED**. Higher amperage/wattage accelerates cell aging and degradation, which decreases performance, capacity, and safety.
- **IF ONLY USED IN A DEVICE THAT CANNOT BE SET OVER 50%** of cell **MAX AMPERAGE OR MAX WATTAGE (W) LIMIT,** (listed on each cell and its packaging), **REPLACE WITHIN 180 DAYS OF PURCHASE OR IMMEDIATELY IF DAMAGED**. Otherwise, as cell ages and degrades through time and use, it decreases in performance, capacity, and safety.
- **COMPLETELY READ** and follow this **WARNING** (⚠) section here, and listed on each cell, its retail packaging, and listed on the product detail page at www.HohmTech.com.
- **VISIT** www.HohmTech.com for safety & technical information.
- **SEARCH** www.YouTube.com for "**HOW TO REWRAP 18650**" and "**18650 EXPLOSIONS**" to understand and know the importance of using and maintaining lithium ion cells properly.

KEEP YOUR WRAP 100% INTACT

GOOD BATTERY
This battery wrap is fully intact (no punctures/tears). If battery is the correct size & amp or wattage rating for your device, it is ready to use.

READY FOR USE

BAD BATTERY
This battery wrap has been damaged with puncture(s). This battery needs to be evaluated for either a new wrap installed on it before use or recycled.

DO NOT USE

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WORLD'S FIRST & ONLY
Labeling that includes Ohm's Law calculated with real-world device efficiency factor for user clarity

BRING ON THE COMPETITION

SHREDDING THE 'NORMS' TO KEEP USERS INFORMED

a BIG step for safety

TO ENSURE CONSUMER SAFETY AND AWARENESS, EVERY LI-ION USER NEEDS TO READ BROCHURE'S CELL **WARNING** NOTICE ON THE LEFT SIDE PANEL

THE ONLY LI-ION CYLINDER CELLS IN THE WORLD THAT HAS IMPLEMENTED OHM'S LAW CALCULATION WITH ELECTRONIC CHIPSET EFFICIENCY FACTOR
- CRITICALLY IMPORTANT TO ACHIEVE OUR HIGHEST STANDARDS -
CONSISTENCY | SAFETY | PERFORMANCE | AMPERAGE | CAPACITY | RELIABILITY | SIMPLICITY

Next Level
OF CAPABILITY CLARITY
CLEAR | CONCISE | ZERO CONFUSION

READ WARNING NOTICE ON OPPOSITE SIDE OF PAGE AND ON CELL (BATTERY) TO ENSURE YOUR SAFETY

Every Hohm Tech cell model has been tested and certified by UN38.3, EN62133, IEC62133 2nd Edition, and UL1642 accredited laboratories and testing facilities assigned by regultory bodies to achieve industry critical certifications, while repeatedly earning and gaining the trust of consumers.

We do not cut corners. We deliver what we promise... chart topping performance, capacity, consistency, and safety.

R&D PHASE IV

Model:	WORK[2]	STRETCH	LIFE	SHERLOCK[2]	GROWN[2]	RUN	RUN[XL]
Size Class:	18650	18650	18650	20700	26650	21700	21700
Chemistry Class:	QSP[1] | Li-NMC	QSP[1] | Li-NMC	Li-NMC	Li-CoO_2 | C	QSP[1] Li-NMC	QSP[1] | Li-NMC	QSP[1] | Li-NMC
Capacity (mAh) / Whr:	2546 / 9.17	2856 / 10.28	3077 / 11.07	3116 / 11.52	4244 / 15.27	-	-
Nominal Voltage (V):	3.6V	3.6V	3.6V	3.7V	3.6V	-	-
Max Charge Voltage (V):	4.2V	4.2V	4.2V	4.25V	4.2V	-	-
Max Voltage Cut-Off (V):	2.5V	2.5V	1.95V	2.5V	2.5V	-	-
Continuous Discharge Rate (A)[2]:	25.3A[2]	22.1A[2]	20.7A[2]	30.7A[2]	30.3A[2]	-	-
Maximum Discharge Rate to 80°C (A)[3]:	35.8A[3]	31.6A[3]	30.2A[3]	41.3A[3]	41.1A[3]	-	-
Fast Charge Rate Limit (A):	3.82A	4.28A	4.25A	4.67A	5.30A	-	-
Resistance (Ohm - Ω) Limitation[4]:	0.14Ω[4]	0.16Ω[4]	0.17Ω[4]	0.12Ω[4]	0.12Ω[4]	-	-
Rec. Wattage (Single Cell)[5]:	73W[5]	64W[5]	60W[5]	88W[5]	88W[5]	-	-
Max Wattage (Single Cell)[6]:	104W[6]	91W[6]	87W[6]	118W[6]	118W[6]	-	-

Hohm Tech Int'l cells are built by Indonesia Chemistry and stress tested for measured:

A: Density Loss Ratio
B: Cycle Life Retention
C: Thermal Image Distribution
D: Pulse Voltage Drop Limitation
E: Resistance Retentivity Pre\|Post
G: Chemistry Integrity @ ∞A °C Range

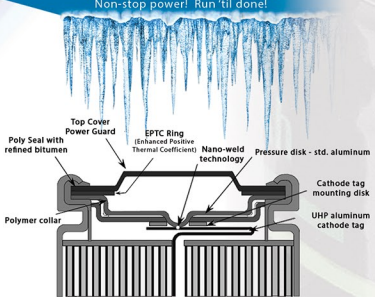
OHM'S LAW CALCULATED
NEW & INEXPERIENCED USERS ARE INSTANTLY AS SMART AS THE KNOWLEDGABLE USERS

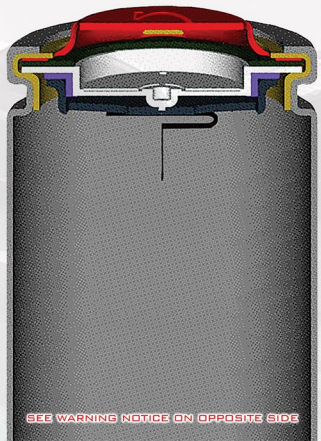
AMPERAGE OUTPUT CAPABILITIES

KEEPIN' IT COOL
with accurate limitations of amperage

Maximum Discharge Rate[3]
Cut-off limit @ 80°C (176°F) or 2.8V

Continuous **D**ischarge **R**ate[2]
Non-stop power! Run 'til done!





WATTAGE OUTPUT CAPABILITIES
Ohms's Law calculated with 89.9-90.2% real-world device efficiency variable[7]

Top Value is Recommended[5]
for Regulated/Electronic Devices

Middle Value is MAX Wattage[6]
for Regulated/Electronic Devices

Bottom Value is Resistance (Ω)[4]
to achieve non-stop CDR power!

> An emphasis on safety while achieving top performance <
> Tired of rewraps? So are we! HT has proprietary markings <
> World's first QSP[1] Li-NMC with >7k Hz NiMn bonding stage <
> Raw materials sourced from multiple renowned providers <
> ATD (applicable-to-device) capabilities directly on labeling <

cell = battery; amperage = discharge

1 QSP: Quad Stripping Process of raw chemistry compounds. **2** CDR: Continuous Discharge Rate. This value is the highest amperage that runs non-stop and stays within cell/battery temperature tolerances without intervention. **3** MAX Discharge Rate REQUIRES to be CUT-OFF (disconnected from providing power) if/when cell reaches 80°C (176°F). This amperage (A) limit is the maximum value within cycle-life and degradation tolerances. **4** Resistance (Ohm - Ω) that achieves CDR output per cell/battery when direct connection to cell/battery is established (applicable to unregulated (mechanical) devices). In multi cell/battery devices, if configured in series, multiply cell/battery ohm value listed on cell/battery, by # of cells/batteries used in device to obtain new resistance (ohm - Ω) value limit. If configured in parallel, divide cell/battery ohm value listed on cell/battery, by # of cells/batteries used to obtain new resistance (ohm) value limit. **5** Recommended wattage output limit per individual cell/battery (determined by CDR value, Ohm's Law, and a median 89.9-90.2% Electronic Chipset Efficiency). **6** Max safe wattage output per cell/battery that is calculated with 80°C (176°C) cut-off factor. This Max wattage output value requires to be disconnected and/or discontinued from providing power if it reaches either 80°C (176°C) or 2.8V (whichever occurs first). **7** Real-World device efficiency is defined here as the electrical components within a device that manage power output. Devices vary in their respective efficiency.

value(s) after battery model name is part of product name, and not inclusive of this reference directory.
value(s) before/inside/after chemistry property formula as found in academic chemistry resources (applicable to Li-CoO_2|C).