



## Ultralife Cell and Battery Lithium Weights and Transportation Classifications

### NON-RECHARGEABLE: Lithium Cells and Batteries

Cell/Battery Model Number	Part Number	Lithium Content (Grams)	T1 - T8 Testing Status	Transportation Classification <sup>(1)</sup>
<b>Cylindrical Cells</b>				
U10009 – U10012	U10009 – U10012	1.10	Complete/Pass	Excepted - U.S. Class 9 - Int'l
U10017 – U10020	U10017 – U10020	1.44	Complete/Pass	Excepted - U.S. Class 9 - Int'l
U10025	U10025	1.44	Complete/Pass	Excepted - U.S. Class 9 - Int'l
U2550HCE-CF-UFA	U2550HCE-CF-UFA	1.50	Complete/Pass	Excepted - U.S. Class 9 - Int'l
U10021 – U10024	U10021 – U10024	1.83	Complete/Pass	Excepted - U.S. Class 9 - Int'l
U10013 – U10016	U10013 – U10016	3.33	Complete/Pass	Excepted - U.S. Class 9 - Int'l
U10026	U10026	4.80	Complete/Pass	Excepted - U.S. Class 9 - Int'l
<b>Thin Cells</b>				
U10007	U10007	0.14	Complete/Pass	Excepted
U10004	U10004	0.61	Complete/Pass	Excepted
<b>Cylindrical Cell Batteries</b>				
1/2 AA	UB1426	0.20	Complete/Pass	Excepted
BA-5372	UB1733	0.40	Complete/Pass	Excepted
BA-5367	UB0006	0.50	Complete/Pass	Excepted
BA-5368	UB2776	1.60	Complete/Pass	Excepted
BA-5347	UB0016	6.66	Complete/Pass	Class 9
Type 5380	UB0009	6.66	Complete/Pass	Class 9
Sophie	U2560E-5-27	9.15	Complete/Pass	Class 9
BA-5390	UB0001	34.00	Complete/Pass	Class 9
BA-5390A	UB0021	34.00	Complete/Pass	Class 9
<b>9-Volt Batteries</b>				
U9VL-J	U9VL-J	1.35	Complete/Pass	Excepted
U9VL / U9VL-FP	U9VL / U9VL-FP	1.35	Complete/Pass	Excepted

## RECHARGEABLE: Lithium Ion Polymer and Lithium Ion Cells and Batteries

Cell/Battery Model Number	Part Number	Equivalent* Lithium Content (Grams)	T1 - T8 Testing Status	Transportation Classification
<b>Lithium Ion Cells</b>				
UBP363450	UBP004	0.17	Complete/Pass	Excepted
UBP053048	UBP005	0.22	Complete/Pass	Excepted
UBP053450	UBP002	0.27	Complete/Pass	Excepted
UBP103450	UBP001	0.51	Complete/Pass	Excepted
<b>Lithium Ion Batteries</b>				
UBBP01	UBBP01	0.54	Complete/Pass	Excepted
UBBL07	UBBL07	1.98	Complete/Pass	Excepted
UBBL04	UBBL04	3.96	Complete/Pass	Excepted
UBBL12	UBBL12	8.64	Complete/Pass	Excepted - U.S. Class 9 - Int'l
LWC-L	UBBL01	10.56	Complete/Pass	Excepted - U.S. Class 9 - Int'l
UBBL03 (LI7 Type)	UBBL03	11.52	Complete/Pass	Excepted - U.S. Class 9 - Int'l
UBBL06 (LI-145)	UBBL06	11.52	Complete/Pass	Excepted - U.S. Class 9 - Int'l
UBBL09	UBBL09	17.28	Complete/Pass	Excepted - U.S. Class 9 - Int'l
UBI-2590	UBBL02	17.28	Complete/Pass	Excepted - U.S. Class 9 - Int'l
UBBL08 (LI-80)	UBBL08	6.96	Complete/Pass	Excepted - U.S. Class 9 - Int'l
UBI-2590 SMBus	UBBL10	17.28	Complete/Pass	Excepted - U.S. Class 9 - Int'l
UBI-2590/HC SMBus	UBBL13	20.88	Complete/Pass	Excepted - U.S. Class 9 - Int'l

\* Equivalent lithium content for lithium ion and lithium polymer cells and batteries is calculated in grams on a per cell basis to be 0.3 times the rated capacity in ampere hours. The equivalent lithium content for a battery or battery pack is the rated capacity in ampere-hours for a single cell multiplied by 0.3 and then multiplied by the number of cells in the battery.

(1) For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to Ultralife's web site at:

[http://www.ultralifebatteries.com/documents/whitepapers/Ultralife\\_Batteries\\_Lithium\\_Battery\\_Transportation\\_Regulations.pdf](http://www.ultralifebatteries.com/documents/whitepapers/Ultralife_Batteries_Lithium_Battery_Transportation_Regulations.pdf)