

Ultralife Cell and Battery Lithium Weights and Transportation Classifications

NOTE: All Cells and Batteries listed in this document have passed the UN Transportation Tests T1-T8

NON-RECHARGEABLE: Lithium Cells and Batteries

Cell/Battery Model Number	Part Number	Lithium ⁽¹⁾ Content (Grams)	Energy (Wh)	Transportation Classification ⁽²⁾
Cylindrical Cells				
UHE-ER14250	UHE-ER14250	0.33	N/A	Excepted from regulations for packages with gross mass of 2.5kg or less
UHE-ER14505	UHE-ER14505	0.73	N/A	
UHR-CR19650	U10009 – U10012	1.10	N/A	Class 9 International and within US unless shipped by motorcar or rail within the US
UHR-CR34610	U10013 – U10016	3.33	N/A	
UHR-CR26500	U10017 – U10020	1.44	N/A	
UHR-CR26650	U10021 – U10024	1.83	N/A	
UHR-CR26500	U10025 (MIDS)	1.44	N/A	
UHR-CR34610	U10026	3.85	N/A	
Thin Cells				
U10004	U10004	0.61	N/A	Excepted from regulations for packages with gross mass of 2.5kg or less
U10007	U10007	0.14	N/A	
Cylindrical Cell Batteries				
UHR-CR14250	UB1426	0.20	N/A	Excepted from regulations for packages with gross mass of 2.5kg or less
BA-5372/U	UB1733	0.40	N/A	
BA-5367/U	UB0006	0.50	N/A	
BA-5368/U	UB2776	1.60	N/A	
BA-5347/U	UB0016	6.66	N/A	Class 9 International and within US unless shipped by motorcar or rail within the US
Type-5380	UB0009	6.66	N/A	
UB0029	UB0029	3.86	N/A	
Sophie	U2560E-5-27	9.15	N/A	Class 9 U.S. and International
BA-5390/U	UB0001	34.00	N/A	
BA-5390A/U	UB0021 (Green)	34.00	N/A	
BA-5390A/U	UB0023 (Grey)	34.00	N/A	
CS0032	CS0032	123.60	N/A	
CS0033	CS0033	247.20	N/A	
CS0034	CS0034	370.80	N/A	
9-Volt Batteries				
U9VL-J	U9VL-J	1.35	N/A	Excepted from regulations for packages with gross mass of 2.5kg or less
U9VL / U9VL-FP	U9VL / U9VL-FP	1.35	N/A	
U9VL-X / U9VL-BP	U9VL-X / U9VL-BP	1.35	N/A	
U9VL-J-P	U9VL-J-P	1.38	N/A	

RECHARGEABLE: Lithium-ion Cells and Batteries

Cell/Battery Model Number	Part Number	Equivalent Lithium Content (Grams) ⁽¹⁾	Energy (Wh)	Transportation Classification ⁽²⁾
---------------------------	-------------	---	-------------	--

Lithium-ion Cells				
UBP103450	UBP001	0.51	6.5	Excepted from regulations for packages with gross mass of 10kg or less
UBP053450	UBP002	0.27	3.4	

Lithium-ion Batteries				
UBBP01	UBBP01	0.54	6.8	Excepted from regulations for packages with gross mass of 10kg or less
UBBL04	UBBL04	3.96	49.5	
UBBL07	UBBL07	1.98	26	
LI-80	UBBL08	6.96	83.5	
UBBL14	UBBL14	2.88	35.5	
UBBL19	UBBL19	0.72	8.6	
UBBL20	UBBL20	1.44	17.3	
UBBL21	UBBL21	2.16	26	
UBBL22	UBBL22	2.88	34.6	
UBBL23	UBBL23	1.44	17.3	
UBBL24	UBBL24	2.88	34.6	
UBBL25	UBBL25	4.32	51.8	
UBBL26	UBBL26	5.76	69	
UBBL34	UBBL34	3.48	83	
UBBL37	UBBL37	5.76	69	
LWC-L	UBBL01	10.56	134	
UBI-2590	UBBL02	17.28	207	
UBBL18	UBBL18	17.28	207	
Type LI-7	UBBL03	11.52	134	
LI-145	UBBL06	11.52	144	
UBBL09	UBBL09	17.28	213	
UBBL09/B	UBBL09/B	17.28	213	
UBI-2590 SMBus	UBBL10	17.28	207	
UBBL10/B	UBBL10/B	17.28	207	
UBBL12	UBBL12	8.64	104	
UBI-2590/HC SMBus	UBBL13	20.88	250	
UBBL29	UBBL29	5.76	138	
UBBL29/B	UBBL29/B	5.76	138	
URB0001	URB0001	506.88	2560	
URB0003	URB0003	696.96	3710	

(1) 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 single cell multiplied by 0.3 and then multiplied by the number of cells in the battery.

(2) Note: The classification "Excepted from regulations" means that the product does not have to be packaged or shipped as a Class 9 hazardous material. However, for both "excepted" and "Class 9" products, there are various packaging, marking, labeling and shipping paper requirements based on lithium weight, equivalent lithium weight, energy content, cell or battery quantity and net or gross package weight, details of which are too numerous to include in the above tables. A complete description of transportation regulations and explanations of the transportation classifications, "Excepted" and "Class 9" is available on the Ultralife web site, <http://www.ultralifecorporation.com>.