

# PRODUCT SUMMARY GUIDE

BATTERIES, POWER SYSTEMS, CHARGERS & CABLES  
FROM ULTRALIFE



**ULTRALiFE**®  
**WE. ARE. POWER.**®

The logo features the brand name 'ULTRALiFE' in a bold, italicized sans-serif font. The 'ULTRA' portion is black, while the 'LiFE' portion is grey. A small red square is positioned above the 'i' in 'LiFE'. A registered trademark symbol (®) is located to the right of the brand name. Below the brand name, the tagline 'WE. ARE. POWER.' is written in a bold, italicized sans-serif font, with a registered trademark symbol (®) at the end. The entire logo is centered within a decorative horizontal band that has a background of overlapping grey hexagons and is bounded by two parallel lines of diagonal hatching.

# FIND YOUR SOLUTION

## CELL MANUFACTURER

Ultralife has over 20 years of experience in Lithium chemistry cell manufacture. We continue to develop and manufacture cells with the world's leading energy densities and performance properties in both Lithium Manganese (CR) and Lithium Thionyl Chloride (ER) chemistries.

## STANDARD CELLS, BATTERIES, AND CHARGERS

We offer an array of standard cells, batteries and chargers, as well as other products to help decrease your development time and compress your time to market.

## BATTERY DESIGN AND ASSEMBLY

We specialize in battery pack design and manufacture for demanding applications worldwide for the most stringent applications, we can design a solution to meet your requirements! Our experts work with a variety of chemistries and OEM cell manufacturers to offer various options for your needs, whether it is Lithium-Ion, Nickel Metal Hydride, Lithium Iron Phosphate, or other battery chemistries. Do you need a private labelled product? We provide many private labelled battery and charger products to our partners.

## CHARGER DESIGN AND ASSEMBLY

Need a battery charger? Does your battery need an integrated charger? We can design simple, to extremely complex, bulk charging systems for your needs.

## ENERGY STORAGE

We design and provide systems for peak shaving and bulk energy storage applications.

## WORLDWIDE PRESENCE

With multiple manufacturing facilities around the globe, we can work to eliminate logistics issues by offering various points of manufacture and warehousing.



# RECHARGEABLE

Ultralife's rechargeable batteries offer off-the-shelf convenience and high reliability for quick integration into your end-user application. Many operate over a wide temperature range and are ideal for rugged military use where equipment is required to operate in extreme conditions.



RECHARGEABLE




“  
A wide range of  
rechargeable power &  
charging systems ”





# LI-ION SOFT PACKS


BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL	NSN
	UBBL07	UBBL07	3.7V	7.8Ah	29Wh	160g	●		●	●
	UBBL19	UBBL19-FL UBBL19-C1	3.7V	2.6Ah	10Wh	52g	●			
	UBBL20	UBBL20-FL UBBL20-C1	7.4V	2.6Ah	19Wh	100g	●	●		
	UBBL21	UBBL21-FL UBBL21-C1	11.1V	2.6Ah	29Wh	151g	●			
	UBBL22	UBBL22-FL UBBL22-C1	14.8V	2.6Ah	39Wh	192g	●			
	UBBL23	UBBL23-FL UBBL23-C1	3.7V	5.2Ah	19Wh	100g	●			
	UBBL24	UBBL24-FL UBBL24-C1 UBBL24-FL-TH UBBL24-C2-TH	7.4V	5.2Ah	38Wh	191g	●			
	UBBL25	UBBL25-FL UBBL25-C1	11.1V	5.2Ah	58Wh	295g	●			
	UBBL26	UBBL26-FL UBBL26-C1	14.8V	5.2Ah	77Wh	393g	●			
	UBBL37	UBBL37-FL UBBL37-C1	7.4V	5.2Ah	38Wh	378g	●			
	UBBL39	UBBL39-FL UBBL39-C1	3.6V	2.9Ah	10Wh	52g	●			
	UBBP06	UBBP06-FL UBBP06-C1 UBBP06-C2	3.6V	4.4Ah	16Wh	81g	●	●		

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# LI-ION SOFT PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL	NSN
	UBP001	UBP001	3.7V	1.8Ah	6.7Wh	41g	●		●	
	UBP002	UBP002	3.7V	0.9Ah	3.3Wh	24g	●	●	●	
	UBBP01	UBBP01	3.7V	1.8Ah	6.7Wh	46g	●		●	









CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	VOLTAGE TYPE	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	UCH0036-S UCH0036-I	AC	3.7V	135g	●	●	●		Requires UCA102 charging cables
	UCH0037-S UCH0037-I	AC	7.4V	135g	●	●	●		
	UCH0038-S UCH0038-I	AC	11.1V	135g	●	●	●		
	UCH0039-S UCH0039-I	AC	14.8V	135g	●	●	●		





CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	UCA102-01 UCA102-02 UCA102-03	12.5cm	Interface Charge	For use with -FL Soft Packs For use with -C1 Soft Packs For use with -C2 Soft Packs

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# LI-ION HARD PACKS




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BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL	NSN
	CC1150	CC1150	3.7V	1.15Ah	4.2Wh	37g	●	●		
	CC2300	CC2300	3.7V	2.3Ah	8.4Wh	65g	●	●		
	CC3800	CC3800	3.7V	3.8Ah	14.1Wh	105g	●	●		
	VR420A	VR420A	14.4V	6.2Ah	89.3Wh	470g	●	●	●	
	CMX420M	CMX420M	14.4V	5.1Ah	73.4Wh	530g	●	●	●	
	CMX810M	CMX810M	28.8V	2.55Ah	73.4Wh	530g	●	●	●	
	CMX820P	CMX820P	28.8V	3.2Wh	92.2Wh	880g	●	●	●	
	UBBL34	UBBL34-01 UBBL34-02	14.4V	5.8Ah	84Wh	620g	●		●	

POWER SYSTEMS	PART NUMBER	INPUT VOLTAGE TYPE	STORED ENERGY (USING VR420A)	WEIGHT (EXCLUDING BATTERIES)	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	IPV02	19-26V	179Wh	1.57kg	●	●			Output Option 1 (Regulated): Boost converter factory set to between 19V and 26V  Output Option 2 (Unregulated): Battery Voltage: 12.0V to 16.8V
	IPV04	19-26V	357Wh	2.45kg	●	●			
	IPV06	19-26V	536Wh	3.32kg	●	●			
	IPV08	19-26V	714Wh	4.200kg	●	●			











# LI-ION HARD PACKS

CHARGERS	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	SUPPORTED BATTERIES						ADDITIONAL INFORMATION
					CC1150	CC2300	CC3800	CMX420M	CMX810M	CMX820P	
	CX3050	DC	1	<300g	●						100-250VAC to 6VDC Wall Mount Power Supply Included
	CX6100	DC	1	<300g		●	●				
	50ABB002	DC	1	74g				●	●	●	Embeddable smart charger



ACCESSORIES	PART NUMBER	DESCRIPTION	SUPPORTED PRODUCTS												
			CC1150	CC2300	CC3800	VR420A	CMX420M	CMX810M	CMX820P	50ABB002	IPV02	IPV04	IPV06	IPV08	
	1090-10103	Samtec Right Angled Connector				●									
	1090-10074	Samtec Vertical Connector				●									
	EVAL001	Bench test PCB	●	●	●										
	C03081	Tyco 1827654-1 battery connector	●	●	●										
	EVAL006	Bench test PCB				●									
	EVAL007A	Bench test PCB					●	●	●						
	EVAL008	Evaluation PCBA for 50ABB002 Charger								●					
	EVAL009	Texas Instruments EV2300 Evaluation Module	●	●	●	●	●	●	●						
	AK001	15 Pin D Connector Kit										●	●	●	●
	AK002	3 Pin Input Connector Kit										●	●	●	●
	AK003	3 Pin Output Connector										●	●	●	●
	AK004	15 Pin Enable Dongle with Flying Lead										●	●	●	●
	AK005	19VDC 250W Desktop PSU										●	●	●	●
	AK006	Output Cable with DC Barrel Connector										●	●	●	●
	AK007	Enable Dongle										●	●	●	●


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# LEAD ACID REPLACEMENT

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL
	URB6450	URB6450	6.4V	4.5Ah	29Wh	360g	●	●	
	URB1270	URB1270	12.8V	7.5Ah	96Wh	1.10kg	●	●	●
	URB12200	URB12200	12.8V	20Ah	256Wh	2.85kg	●	●	●
	URB12350	URB12350	12.8V	32Ah	410Wh	4.60kg	●	●	●
	URB12550	URB12550	12.8V	55.8Ah	714Wh	7.85kg	●	●	
	URB12550-22NF	URB12550-22NF	12.8V	52.7Ah	675Wh	7.50kg	●	●	
	URB121000	URB121000	12.8V	100Ah	1280Wh	13.90kg	●	●	
	URB12400-U1-SMB	URB12400-U1-SMB	12.8V	38.4Ah	492Wh	5.44Kg	●	●	

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CHARGERS	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	UCH0058 UCH0059 UCH0060	AC DC	1	3.5kg	●	●			14.4V, 60A output 28.8V, 35A output 57.6V, 18A output
	UCH0062 UCH0063	AC Line Adapter	1	460g	●	●	●		Terminations: UCH0062: LD-SAE-74275 UCH0063: Alligator clips

CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	UCA0152	28cm	Wiring Harness	Fused power cable for URB12400-U1-SMB



# UBI-2590 PRODUCTS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	PSE	NSN
	UBI-2590/U	UBBL02-01	14.4V 28.8V	17.4Ah 8.7Ah	250Wh	1.34kg	●	●		●
	UBI-2590/U Commercial	UBBL02-01-CB					●	●	●	
	UBI-2590 12V/24V SMBus	UBBL09/B	11.1V 22.2V	20.8Ah 10.4Ah	230Wh	1.44kg	●			
	UBI-2590 SMBus	UBBL10/B	14.4V 28.8V	14.4Ah 7.2Ah	207Wh	1.44kg	●			●
	UBI-2590/U SMBus	UBBL10-01	14.8V 29.6V	17.4Ah 8.7Ah	250Wh	1.34kg	●	●		●
	UBI-2590/U SMBus Commercial	UBBL10-01-CB					●	●	●	
	UBI-2590/U High Capacity SMBus	UBBL13-01	14.4V 28.8V	20.0Ah 10.0Ah	288Wh	1.38kg	●	●		●
	UBI-2590/U High Capacity SMBus Commercial	UBBL13-01-CB					●	●	●	
	UBI-2590 No SOCI or SMBus	UBBL18	14.4V 28.8V	14.4Ah 7.2Ah	207Wh	1.44kg	●			
	HF Battery BOWMAN	UBBL31	14.4V 28.8V	14.4Ah 7.2Ah	207Wh	1.64kg	●			
	UBI-2590SF Single Voltage, SMBus	UBBL36	14.4V	8.7Ah	125Wh	730g	●			
	UBI-2590 SMBus, Low Capacity	UBBL38	14.4V 28.8V	5.8Ah 2.9Ah	84Wh	655g	●			
	UBI-2590SF Dual Voltage, SMBus	UBBL62	10.8V 21.6V	11.6Ah 5.8Ah	63Wh (2X)	750g	●			



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# UBI-2590 PRODUCTS

CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	CH0002	AC Line Adapter	1	460g	●	●	●	●	
	CH0003 / MRC-85A	AC DC	6	11.34kg		●			MRC-85A not CE marked
	CH0004 / MRC-86A	AC DC	2	5.44kg		●			MRC-86A not CE marked
	CH0014	AC Line Adapter	1	460g	●	●	●	●	For use with UBBL09/B only
	UCH0056	DC	1	522g		●			Not for use with deeply discharged batteries
	UCH0057	AC Line Adapter	1	485g	●	●	●		Compatible with both smart and non-smart 2590's
	MRC-135A	PV	1	635g					For full solar kit refer to MRC-KT0002
	UCH0053	AC DC	6	15.8kg	●	●	●		Also compatible with PRC-148/152 handheld batteries
	UCH0054	AC DC	2	5.7kg	●	●	●		
	MRC-11A	BATT	4	1.9kg					Battery Combiner Box with both series & parallel configurable outputs
	MRC-12A	BATT	6	3.3kg					
	UAD0028-XX	BATT	2	2.5kg					Battery Output -01: parallel configuration -02: series configuration
	MRC-KT0002	PV	1	2.7kg					
	UKT0048	AC PV	2	4.5kg					Compatible with numerous batteries, see TDS for details

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# UBI-2590 PRODUCTS




CABLES & ACCESSORIES	PART NUMBER	TYPE	BODY MATERIAL	ADDITIONAL INFORMATION
	UAD0012	Panel Mount Connector	Aluminum Alloy	For use with rechargeable batteries only
	UAD0013	Panel Mount Connector	Aluminum Alloy	For use with both rechargeable and non-rechargeable batteries



CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	CA0002 CA0002-01 CA0002-02	60cm 100cm 200cm	4 Conductor; 18 AWG	MIL-SPEC'D design
	CA0006 CA0006-01 CA0006-02	60cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in series configuration
	CA0007 CA0007-01 CA0007-02	60cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in parallel configuration
	CA0008 CA0008-01 CA0008-02	60cm 100cm 200cm	4 Conductor; 18 AWG	Right-angled connector
	UCA0039	180cm	Power and communications	Separate power and communications cables Velcro strap included
	UAD0021-01	90cm	HP Laptop XX90 Adapter	Additional laptop compatibility (contact Ultralife for more information)
	UAD0022	90cm	XX90 Dual USB Power Hub	
	UCA0113	30cm	XX90 12V Auto Adapter	Provides unregulated battery voltage to power outlet
	UCA0114	180cm	Smart 2590 Data & Power Cable	Low profile design (12mm height above top face of battery) Power and communications in one cable
	UCA0115	100cm	3-to-1 XX90 Cable	Places batteries in parallel configuration Prevents charging of batteries
	UCA0126	120cm	PRC-152 Adapter for XX90 Batteries	Also compatible with PRC-148 handheld radios

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# LAND WARRIOR PRODUCTS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	NSN
	LI-7 SMBus	UBBL03	14.4V	9.6Ah	138Wh	944g	●	●
	LI-145 SMBus	UBBL06	15.2V	9.4Ah	143Wh	1.02kg	●	●
	LI-175 High Capacity SMBus	UBBL06-01	15.2V	11.2Ah	175Wh	950g	●	
	LI-200 SMBus	UBBL06-02	14.4V	13.6Ah	200Wh	950g	●	
	LI-80 SMBus	UBBL08	15.2V	5.5Ah	83Wh	525g	●	●
	LI-100 SMBus	UBBL08-01	15.2V	6.8Ah	99Wh	525g	●	
	Conformal Wearable	UBBL35	14.4V	7.3Ah	108Wh	960g	●	●

CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	CA0005 CA0005-01 CA0005-02	60cm 100cm 200cm	5 Conductor, 20 AWG	For use with UBBL03 battery only
	CA0009 CA0022	60cm	6 Conductor, 22 AWG	Non-Shielded version Shielded version
	UCA0125	120cm	PRC-152 Adapter for LI Batteries	Also compatible with PRC-148 handheld radios



ADAPTORS	PART NUMBER	NUMBER OF BATTERIES	WEIGHT	CHARGER COMPATIBILITY	BATTERY TYPES	NSN
	UAD002	3	960g	CH0006 CH0012 UCH0041	UBBL08 UBBL08-01	
	UAD0015	1	289g			●
	UAD0014	1	435g		PRC-152 PRC-148	●

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# LAND WARRIOR PRODUCTS

CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	SUPPORTED BATTERIES							SUPPORTED ADAPTORS			NSN
					UBBL03	UBBL06	UBBL06-01	UBBL06-02	UBBL08	UBBL08-01	UBBL35	UAD0022	UAD0014	UAD0015	
	CH0006	DC	3	6.35kg		●	●	●	●	●		●	●	●	
	CH0007	DC	9	16.7kg	●										
	CH0008	AC	1	1.5kg		●	●	●	●	●	●				●
	CH0012	DC	12	17.24kg		●	●	●	●	●			●	●	●
	CH0015	DC	1	170g		●	●	●	●	●	●				●
	CH0016	DC	1	170g	●										
	CH0017	AC DC	12	42.2kg		●	●	●	●	●			●	●	●
	UCH0041	DC	3	6.35kg		●				●		●	●	●	●
	UKT0034	DC	3	7.2kg		●	●	●	●	●		●	●	●	
	UKT0037-01 UKT0037-02 UKT0037-03	PV	1	2.26kg		●	●			●					
	UKT0038-01 UKT0038-02 UKT0038-03	PV	1	1.7kg		●	●			●					
	UKT0039-01 UKT0039-02 UKT0039-03	PV	1	2.26kg		●	●			●					

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TACTICAL CHARGERS	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	UCH0053	AC DC	6	15.8kg	●	●	●		Adaptor UAD0035 required, contact Ultralife for details
	UCH0054	AC DC	2	5.7kg	●	●	●		

# NON-RECHARGEABLE

Ultralife Battery and Energy products group manufacture various non rechargeable cell sizes in several chemistries including Lithium Manganese Dioxide and Lithium Thionyl Chloride, with some of the highest energy densities available.

“

The world's longest lasting  
9 Volt battery

”

NON-RECHARGEABLE









**ULTRALIFE**<sup>®</sup>  
9 VOLT LITHIUM BATTERY









# 9 VOLT

Ultralife 9-Volt is a consumer-replaceable battery that lasts up to 5 times longer than ordinary alkaline 9V batteries and 10 times longer than carbon-zinc batteries. A 10-year service / shelf life makes the Ultralife 9-volt battery the choice for major smoke alarm manufacturers for their premium lines of 10-year ionization-type smoke alarms.

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	PACKAGE QUANTITY	UL	CB	NSN
	U9VL-J-P	U9VLJPBK U9VLJPBKNC - No Cap	9.0V	1.2Ah	10.8Wh	37g	680	●	●	●
		U9VLJPPF					100	●	●	●
		U9VLJPBP					48	●	●	
		U9VLJPX U9VLJPXC					48	●	●	
		U9VLJP10 U9VLJP10CP - Retail Contractor Pack					100	●	●	
		U9VLJPPF6					48	●	●	

# THIN CELL

Ultralife Thin Cell lithium batteries are wafer-thin providing a unique combination of high energy, long shelf life, wide operating temperature range, and light weight. With ultra-thin prismatic form factors and a high ratio of active materials to packaging, Contact Ultralife for a complete list of sizes that are available or for custom cell development.

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	SIZE	UL	CB	UN
	CP124920	CP124920	3.0V	165mAh	0.5Wh	1.7g	20.0mm x 48.75mm x 1.25mm	●		●
	CP502520	CP502520	3.0V	600mAh	1.8Wh	4.5g	26.0mm x 25.0mm x 5.2mm	●	●	●
	CP243238	CP243238	3.0V	700mAh	2.1Wh	5.7g	43.0mm x 38.0mm x 2.6mm	●		●
	CP224143	CP224143	3.0V	800mAh	2.4Wh	7.0g	48.5mm x 47.0mm x 2.2mm	●		●
	CP502537	CP502537	3.0V	1.2Ah	3.6Wh	9.0g	43.0mm x 25.0mm x 5.0mm	●		●
	CP403838	CP403838	3.0V	1.6Ah	4.8Wh	13.0g	44.5mm x 48.0mm x 4.4mm	●		●

NON-RECHARGEABLE

# CR CYLINDRICAL - LITHIUM MANGANESE DIOXIDE

Lithium manganese dioxide cells offer excellent temperature characteristics, a flat discharge curve, and a hermetically sealed nickel plated steel container for long term shelf life - the perfect choice for applications where high currents are required after long periods of inactivity.









BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	CR123A	CR123A	3.0V	1.5Ah	4.5Wh	16g	●			
	UB123A	UB123A	3.0V	1.8Ah	5.4Wh	17g	Samples available Aug 2018 – contact Ultralife for details			
	CR17335 2/3A-Spiral	CR17335 CR17335-10 CR17335-10-PTC	3.0V	1.5Ah	4.5Wh	18g	●	●		
	CR17335SE 2/3A-Bobbin	CR17335SE	3.0V	1.8Ah	5.4Wh	18g	●	●		
	UHR-CR15270 CR2-Spiral	CR15270	3.0V	750mAh	2.2Wh	11g	●			
	UHR-CR19650	U10009 U10010 U10011 U10012	3.0V	3.2Ah	9.6Wh	42g	●	●		
	UHR-CR34610	U10013 U10014 <sup>1</sup> U10015 U10016	3.0V	11Ah	33Wh	115g	●	●		●
	UHR-CR26500	U10017 <sup>1</sup> U10018 U10019 U10020	3.0V	4.8Ah	14Wh	61g	●	●		●
	UHR-CR26650	U10021 <sup>2</sup> U10022 U10023 U10024	3.0V	6.1Ah	18Wh	71g	●	●	●	
	UHR-CR26500	U10025	3.0V	4.8Ah	14Wh	61g	●			●
	UHR-CR34610	U10026	3.0V	13Ah	39Wh	122g	●			●
	UHR-CR25650	U10027	3.0V	6.1Ah	18Wh	71g	●			
	UHR-CR34610 TSO Certified	U10028 U10028-T1 U10029 U10029-T1	3.0V	11Ah	33Wh	115g	●			

NOTE 1: NSN applies to this part number only; NOTE 2: CB applies to this part number only

NON-RECHARGEABLE




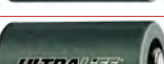
# ER CYLINDRICAL - LITHIUM THIONYL-CHLORIDE

Ultralife Lithium Thionyl Chloride cells have the highest energy density & performance characteristics of all Lithium based battery chemistries. The passivation layer allows for long storage periods with minimal loss in cell capacity - a perfect choice for long term backup & remote metering.

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHE-ER14250	ER14250	3.6V	1.2Ah	4.3Wh	10g	●	●		
	UHE-ER14505 AA-Bobbin	ER14505	3.6V	2.4Ah	8.6Wh	19g	●	●		
	UHR-ER14505M AA-Spiral	ER14505M	3.6V	2.0Ah	7.2Wh	19g	●	●		
	UHE-ER18505 A-Bobbin	ER18505	3.6V	4.0Ah	14Wh	32g	●	●		
	UHR-ER18505M A-Spiral	ER18505M	3.6V	3.0Ah	11Wh	32g	●	●		
	UHE-ER26500 C-Bobbin	ER26500	3.6V	9.0Ah	32Wh	55g	●	●		
	UHR-ER26500M C-Spiral	ER26500M	3.6V	6.5Ah	23Wh	55g	●	●		
	UHE-ER34615 D-Bobbin	ER34615	3.6V	19Ah	68Wh	106g	●	●		
	UHR-ER34615M D-Spiral	ER34615M	3.6V	14.5Ah	52Wh	107g	●	●		





# BLEND CELLS - Li-CFx / MnO<sub>2</sub>








Ultralife's newest primary cell technology improves upon lithium manganese dioxide chemistry by providing almost a 50% increase in both capacity and shelf-life, whilst also reducing initial suppression of cell voltage that is typical of pure CFx chemistries due to passivation during storage.


BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHR-XR19650	UHR-XR19650 UHR-XR19650-T1	3.0V	4.6Ah	14Wh	40g	●			
	UHR-XR26500	UHR-XR26500 UHR-XR26500-T1	3.0V	6.8Ah	20Wh	56g	●			
	UHR-XR26650	UHR-XR26650 UHR-XR26650-T1	3.0V	8.4Ah	25Wh	68g	●			
	UHR-XR34610	UHR-XR34610 UHR-XR34610-T1	3.0V	16Ah	48Wh	113g	●			


NON-RECHARGEABLE

# M32271/1 MILITARY PRODUCTS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	NSN
	UBI-5390A/U Li-MnO <sub>2</sub>	UB0023	30.0V 15.0V	11.1Ah 22.2Ah	330Wh	1.33kg	●	●
	UBI-5795 Li-CFx / MnO <sub>2</sub>	UB0031	15.0V	16.0Ah	240Wh	690g	●	
	UBI-5790 Li-CFx / MnO <sub>2</sub>	UB0032	30.0V 15.0V	16.0Ah 32.0Ah	480Wh	1.33kg	●	
	BA-5790 Full Size SMBus	UB0036	30.0V 15.0V	16.0Ah 32.0Ah	480Wh	1.33kg	●	

CABLES & ACCESSORIES	PART NUMBER	LENGTH / SIZE	TYPE	ADDITIONAL INFORMATION
	CA0002 CA0002-01 CA0002-02	60cm 100cm 200cm	4 Conductor; 18 AWG	MIL-SPEC'D design
	CA0006 CA0006-01 CA0006-02	60cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in series configuration
	CA0007 CA0007-01 CA0007-02	60cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in parallel configuration
	CA0008 CA0008-01 CA0008-02	60cm 100cm 200cm	4 Conductor; 18 AWG	Right-angled connector
	CA0009 CA0022	60cm	Non-Shielded Shielded	
	UAD0021-01	90cm	HP Laptop XX90 Adapter	Additional laptop compatibility (contact Ultralife for more information)
	UCA0126	48in	PRC-152 Adapter for XX90 Batteries	

CABLES & ACCESSORIES	PART NUMBER	TYPE	BODY MATERIAL	ADDITIONAL INFORMATION
	UAD0013	Panel Mount Connector	Aluminum Alloy	For use with both rechargeable and non-rechargeable batteries




POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	UAD0028-XX	BATT	2	2.5kg					Battery Output -01: 12V -02: 24V

NON-RECHARGEABLE

# MILITARY NON-RECHARGEABLE

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHR-CR26500	U10025	3.0V	4.8Ah	14.4Wh	61g	●			●
	BA-5367/U	UB0006	3.0V	1.3Ah	3.9Wh	22g	●			●
	BA-5347/U	UB0016	6.0V	11.1Ah	67Wh	380g	●			●
	UHR-CR14250	UB1426	3.0V	5.0Ah	1.5Wh	10g	●			●
	BA-5372/U	UB1733	6.0V	5.0Ah	3Wh	20g	●			●
	BA-5368/U	UB2776	12.0V	1.0Ah	12Wh	76g	●			●
	BA-5380/U	UB2777 UB0009	6.0V	11.1Ah	67Wh	390g	●			●
	CS0032 1/3 M1	CS0032	11-12V	80Ah	0.92kWh	3.3kg	●			●
	CS0033 2/3 M1	CS0033	11-12V	160Ah	1.84kWh	6.7kg	●			●
	CS0034 M1	CS0034	11-12V	238Ah	2.74kWh	10kg	●			●
	LM-145	UB0020	13.5V	10.0Ah	135Wh	800g	●			●

# AUTOMOBILE TELEMATICS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UB0029	UB0029	6.6V	6.1Ah	40Wh	165g	●			
	UB0030	UB0030	16.4V	5.6Ah	92Wh	410g	●			
	UKT0036	UKT0036	16.4V	5.6Ah	92Wh	410g	●			

NON-RECHARGEABLE

# POWER SYSTEMS



Ultralife's rechargeable batteries offer off-the-shelf convenience and high reliability for quick integration into your end-user application. Many operate over a wide temperature range and are ideal for rugged military use where equipment is required to operate in extreme conditions.







“  
Reliable power in  
unreliable places”



# POWER SYSTEMS


BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL
	Multi-kilowatt Module	URB0001-SMB URB0003-SMB	25.6V	100Ah 140Ah	2560Wh 3710Wh	35.0kg 38.5kg	●		
	Medical Cart Battery	URB0012	13.2V	25Ah	330Wh	3.67kg	●	●	●

CHARGERS / UPS's	PART NUMBER	BATTERY CHEMISTRY	INPUTS / VOLTAGES	OUTPUTS / VOLTAGES	RATED ENERGY	SIZE & WEIGHT	UL
	UKT0011-XX	Lithium cobalt	Vehicle: 25 - 33VDC AC mains: 85 - 265VAC, 50 - 60Hz	DC: 24 - 33VDC, 28.8VDC nominal	2.5 - 4.6KWh (batt. specific)	48.8 x 32.0 x 48.3cm 38kg (incl. batteries)	
	URS0007-01 URS0007-02	Lithium iron phosphate	Vehicle: 21 - 36VDC, 30A max Solar: 21 - 45VDC, 25A max AC mains: 115VAC, 50 - 60Hz, 15A max	DC: 5VDC USB Ports (2) 12VDC CIG Outlet (1), 10A max AC: 115VAC, 50 - 60Hz, 500W max	1.25kWh 2.5kWh	79.5 x 51.8 x 39.4cm 65.8kg / 79.4kg	
	URG0002	Lithium iron phosphate	DC: 24 - 33VDC, 3A max 46 - 52VDC, 40A max Solar: 36 - 160VDC, 80A max AC mains: 120VAC, single phase 220VAC, single phase	AC: 120VAC, 50 - 60Hz, 15A max 220VAC, 50 - 60Hz, 30A max	10kWh	96.5 x 134.6 x 83.8cm 454kg	
	URS0010-XX <sup>1</sup>	Lithium iron phosphate	AC mains: 100 - 240VAC, 50 - 60Hz	DC: 11 - 14.8VDC, 17A max	URB0012 Battery 25.0Ah	14.06 x 8.5 x 3.5in 4.8kg	●

NOTE 1:

AC Line Cords Sold Separately: -01 North America (120V / 60Hz); -02 EU, UK, Ireland, Hong Kong, Malaysia, Singapore, Australia / New Zealand (230V / 50Hz); -03 China (220V / 50Hz); -04 Japan (100V / 50Hz); -05 Japan (100V / 60Hz); -06 Saudi Arabia (230V / 60Hz)

## OTHER

ACCESSORIES	PART NUMBER	INPUT VOLTAGE TYPE	OUTPUT VOLTAGE	WEIGHT	COLOR	ADDITIONAL INFORMATION
	UCH0040-01 UCH0040-02	PV	5.0VDC	139g	Digital Camo Desert Camo	Solar charger for small USB devices

**ULTRALiFE**<sup>®</sup>

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