

PRODUCT SUMMARY GUIDE

BATTERIES, POWER SYSTEMS, CHARGERS & CABLES
FROM ULTRALIFE



ULTRALiFE®
WE. ARE. POWER.®

The logo features the word "ULTRALiFE" in a bold, sans-serif font. "ULTRA" is in black, and "LiFE" is in grey, with a small red square above the "i". A registered trademark symbol (®) is at the end. Below it, the tagline "WE. ARE. POWER." is written in a smaller, red, sans-serif font, also with a registered trademark symbol (®). The background of the logo area consists of a pattern of overlapping hexagons in various shades of grey.

FIND YOUR SOLUTION

CELL MANUFACTURER

- 30 years of experience in Lithium chemistry manufacturing
- Develop and manufacture in both Lithium Manganese (CR) and Lithium Thionyl Chloride (ER) chemistries
- World's leading energy densities and performance

STANDARD OFFERINGS

- Cells, batteries and chargers
- To help decrease your development time/time to market

BATTERY DESIGN AND ASSEMBLY

- For demanding/stringent applications worldwide
- Design a solution to meet your requirements
- Experts with knowledge in all major Lithium chemistries
- Relationships with OEM Li-ion cell manufacturers
- Help determine the best Li-ion chemistry for your needs
- Private labelled product? No problem!

CHARGER DESIGN AND ASSEMBLY

- Simple to complex
- Single or bulk charger
- Charging systems to fit your application

ENERGY STORAGE

- Battery and system options for peak shaving and bulk energy storage

WORLDWIDE PRESENCE

- Manufacturing facilities around the globe
- Eliminate logistics issues
- Offering various points of manufacture and warehousing

ULTRALIFE
BATTERY & ENERGY PRODUCTS

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RECHARGEABLE

Medical carts, robotics, military and more

Rechargeable battery packs, chargers and accessories offer off-the-shelf convenience and high reliability.

From stackable to hot-swap to hybrid.

Power systems to suit your application.



“
A wide range of
rechargeable batteries
and power systems”

RECHARGEABLE



LITHIUM-ION

To suit a wide range of industrial requirements, Ultralife offers Lithium-ion (Li-ion) Soft Packs or more durable Lithium-ion Hard Packs. For military or mission-critical applications, we offer XX90 or Land Warrior battery packs. Chargers and accessories are available for all.

LI-ION SOFT PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL	NSN
	UBBL20	UBBL20-FL UBBL20-C1 UBBL20-C2	7.2V	2.8Ah	19.8Wh	100g	●	●		
	UBBL21	UBBL21-FL UBBL21-C1	10.8V	2.8Ah	30.8Wh	151g	●	●		
	UBBL22	UBBL22-FL UBBL22-C1 UBBL22-C2-TH	14.4V	2.8Ah	40.3Wh	192g	●	●		
	UBBL23	UBBL23-FL UBBL23-C1	3.6V	5.7Ah	20.5Wh	100g	●			
	UBBL24	UBBL24-FL UBBL24-C1 UBBL24-FL-TH UBBL24-C2-TH	7.2V	5.7Ah	41.0Wh	191g	●			
	UBBL25	UBBL25-FL UBBL25-C1 UBBL25-FL-TH UBBL25-C2-TH UBBL25-C3-TH	11.1V	5.7Ah	61.6Wh	295g	●			
	UBBL26	UBBL26-FL UBBL26-C1	14.8V	5.2Ah	77.0Wh	393g	●			
	UBBL39	UBBL39-FL UBBL39-C1	3.6V	2.9Ah	10.4Wh	52g	●			

LI-ION SOFT PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL	NSN
	UBBP06	UBBP06-FL UBBP06-C1 UBBP06-C2	3.6V	4.4Ah	15.8Wh	81g	●	●		
	UBP001	UBP001	3.7V	1.8Ah	6.7Wh	41g	●	●	●	
	UBP002	UBP002		0.9Ah	3.3Wh	24g	●	●	●	
	UBBP01	UBBP01		1.8Ah	6.7Wh	46g	●		●	
	2EXL7571	2EXL7571	3.6V	6.0Ah	21.6Wh	TBC	●		●	
	2EXL7572	2EXL7572		9.0Ah	32.4Wh	TBC	●		●	
	2EXL7573	2EXL7573	7.2V	3.0Ah	21.6Wh	TBC	●		●	
	2EXL7574	2EXL7574		6.0Ah	43.2Wh	TBC	●		●	
	2EXL7575	2EXL7575	10.8V	3.0Ah	32.4Wh	TBC	●		●	
	2EXL7576	2EXL7576	14.4V	3.0Ah		TBC	●		●	
	2EXL7577	2EXL7577		6.0Ah	43.2Wh	TBC	●		●	

LI-ION SOFT PACKS

CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	VOLTAGE TYPE	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	UCH0036-S UCH0036-I	AC	4.2V	135g	●	●	●		Can use with UCA102 charging cables
	UCH0037-S UCH0037-I	AC	8.4V	135g	●	●	●		
	UCH0038-S UCH0038-I	AC	12.6V	135g	●	●	●		
	UCH0039-S UCH0039-I	AC	16.8V	135g	●	●	●		

CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	UCA0102-01 UCA0102-02 UCA0102-03	13.5cm 12.5cm 12.5cm	Interface Charge	For use with -FL Soft Packs For use with -C1 Soft Packs For use with -C2 Soft Packs

LI-ION HARD PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL	NSN
	CC1150	CC1150	3.7V	1.2Ah	4.2Wh	37g	●	●		
	CC2300	CC2300		2.3Ah	8.5Wh	65g	●	●		
	CC3800	CC3800		3.8Ah	14.1Wh	105g	●	●		
	CMX810M	CMX810M	28.8V	2.6Ah	73.4Wh	530g	●	●	●	
	CMX820P	CMX820P		3.2Ah	92.2Wh	880g	●	●	●	

LI-ION HARD PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL	NSN
	VR420A	VR420A	14.4V	6.2Ah	89.3Wh	470g	●	●	●	
	UBBL34	UBBL34-01 UBBL34-02		5.2Ah	74.9Wh	620g	●		●	
	CRITERION IQ	CRITERION IQ	7.2V	6.0Ah	43.2Wh		●		●	

ACCESSORIES	PART NUMBER	DESCRIPTION	SUPPORTED PRODUCTS						
			CC1150	CC2300	CC3800	VR420A	CMX810M	CMX820P	50ABB002
	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							●

CHARGERS	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	SUPPORTED BATTERIES					ADDITIONAL INFORMATION
					CC1150	CC2300	CC3800	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

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	250.6Wh	1.34kg	●	●		●		
	UBI-2590/U Commercial	UBBL02-01-CB					●	●	●			
	UBI-2590 12V/24V SMBus	UBBL09-01	10.8V 21.6V	23.2Ah 11.6Ah		1.35kg	●					
	UBI-2590/U SMBus	UBBL10-01	14.4V 28.8V	17.4Ah 8.7Ah			●	●		●		
	UBI-2590/U SMBus Commercial	UBBL10-01-CB					●	●	●			
	UBI-2590/U High Capacity SMBus	UBBL13-01		20.0Ah 10.0Ah		1.45kg	●	●		●		
	UBI-2590/U High Capacity SMBus Commercial	UBBL13-01-CB	●				●	●				
	UBI-2590SF Dual Voltage, SMBus	UBBL62	10.8V 21.6V	11.4Ah 5.7Ah	123Wh (2x 61.5Wh)	750g	●					

CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	CH0002 CH0002-01	AC Line Adapter	1	460g	●	●	●	●	CH0002 has a 1.7A charge rate CH0002-01 has a 3.0A charge rate
	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

UBI-2590 PRODUCTS

CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	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
	UCH0057-01	DC	1	485g				●	Charges all 2590s (automatically sets smart 2590s to 30% state-of-charge for shipment by air)
	UCH0071	DC	6	5.9kg					
	MRC-135A	PV	1	635g					
	MRC-11A	BATT	4	1.8kg					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
	UKT0048	AC PV	2	4.5kg					Compatible with numerous batteries, see TDS for details

CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	CA0002 CA0002-01 CA0002-02 CA0002-03	61cm 100cm 200cm 183cm	4 Conductor; 18 AWG	MIL-SPEC'D design
	CA0002P-01 CA0002P-02 CA0002P-03 CA0002P-04	100cm 200cm 183cm 61cm	4 Conductor; 18 AWG	MIL-SPEC'D design
	CA0006 CA0006-01 CA0006-02	61cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in series configuration

UBI-2590 PRODUCTS

CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	CA0007 CA0007-01 CA0007-02	61cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in parallel configuration
	CA0008 CA0008-01 CA0008-02	61cm 100cm 200cm	4 Conductor; 18 AWG	Right-angled connector
	UCA0039	183cm	Power and communications	Separate power and communications cables Nylon strap included
	UAD0021-01	91cm	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	183cm	Smart 2590 Data & Power Cable	Low profile design (12mm height above top face of battery) Power and communications in one cable
	UCA0115	117cm	3-to-1 XX90 Cable	Places batteries in parallel configuration Prevents inter-charging of batteries
	UCA0126	120cm	PRC-152 Adapter for XX90 Batteries	Also compatible with PRC-148 handheld radios
	UCA0161	90mm	High Power Vehicle Adapter	For UCH0057 series chargers
	UAD0012	2cm	Panel Mount Connector	Aluminum alloy For use with rechargeable batteries only

OTHER

CHARGERS	PART NUMBER	ADDITIONAL INFORMATION
	Top Hat (Coming Soon)	Charge external devices from a Harris 12041/12500 series battery using a USB-C or USB-A port. Charge a Harris 12041/12500 series battery using a USB-C wall charger.

LAND WARRIOR PRODUCTS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	NSN
	LI-7 SMBus	UBBL03	14.4V	9.6Ah	138.2Wh	944g	●	●
	LI-175 High Capacity SMBus	UBBL06-01	15.2V	11.4Ah	173.3Wh	950g	●	
	LI-200 SMBus	UBBL06-02	14.4V	13.6Ah	195.8Wh	950g	●	
	LI-80 SMBus	UBBL08	15.2V	5.5Ah	83.6Wh	525g	●	●
	LI-100 SMBus	UBBL08-01		6.8Ah	103.4Wh	525g	●	
	Conformal Wearable	UBBL72	14.8V	10.8Ah	159.1Wh	1,180g	●	

CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	SUPPORTED BATTERIES						SUPPORTED ADAPTORS			NSN
					UBBL03	UBBL06-01	UBBL06-02	UBBL08	UBBL08-01	UBBL35	UAD0022	UAD0014	UAD0015	
	CH0006	DC	3	6.35kg		●	●	●	●		●	●	●	
	CH0008	AC	1	1.5kg		●	●	●	●	●				●
	CH0012	DC	12	17.24kg		●	●	●	●			●	●	●
	CH0015	DC	1	170g		●	●	●	●	●				●
	CH0017	AC DC	12	42.2kg		●	●	●	●			●	●	●

LAND WARRIOR PRODUCTS

CHARGERS & POWER SUPPLIES	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	SUPPORTED BATTERIES						SUPPORTED ADAPTORS			NSN
					UBBL03	UBBL06-01	UBBL06-02	UBBL08	UBBL08-01	UBBL35	UAD0022	UAD0014	UAD0015	
	UCH0070 (sets SoC to 30% for air shipment)	AC	8	1.90kg		●	●	●	●		●	●	●	
	UCH0072 (sets SoC to 30% for air shipment)	AC	2	0.49kg		●	●	●	●		●	●	●	
	UCH0041	DC	3	6.35kg		●		●			●	●	●	●
	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		●		●						*●

CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	CA0005 CA0005-01 CA0005-02	61cm 100cm 200cm	5 Conductor, 20 AWG	For use with UBBL03 battery only
	CA0009 CA0022	61cm	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	UBBL08 UBBL08-01	
	UAD0015	1	289g	CH0006 CH0012 UCH0041		●
	UAD0014	1	435g	UCH0041	PRC-152A PRC-148	●

SUBSEA BATTERY MODULES

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	ABS
	SeaSafe® II - Daisy Chain	46792428.3412 46793028.3412 46793728.3412	25.9V 29.6V 37.0V	28Ah	725Wh 829Wh 1036Wh	6.5kg 6.8kg 7.5kg	●	●
	SeaSafe® Direct	46792428.3402 46793028.3402 46793728.3402	25.9V 29.6V 37.0V	28Ah	725Wh 829Wh 1036Wh	6.5kg 6.8kg 7.5kg	●	●
	SeaSafe® Direct - 40 Amp	46792428.3442 46793028.3442 46793728.3442	25.9V 29.6V 37.0V	28Ah	725Wh 829Wh 1036Wh	6.5kg 6.8kg 7.5kg	●	●
	SeaSafe® Direct - Low Profile	46792428.3405 46793028.3405 46793728.3405	25.9V 29.6V 37.0V	28Ah	725Wh 829Wh 1036Wh	7.0kg 7.2kg 8.0kg	●	●
	SeaSafe® Endurance - 1ATM	39792447.3352 39793047.3352 39793747.3352	25.9V 29.6V 37.0V	47Ah	1217Wh 1391Wh 1739Wh	8.0kg 9.2kg 11.5kg	●	●



LITHIUM IRON PHOSPHATE

With lower weight, higher energy, longer life, electronic protection and safety certification, Ultralife LiFePO4 batteries outperform Lead Acid on almost every measure.

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL
	URB6450	URB6450	6.4V	5.4Ah	34.6Wh	0.41kg	●	●	
	URB1270	URB1270	12.8V	7.6Ah	97.3Wh	1.10kg	●	●	●
	URB12200	URB12200		21.6Ah	276.5Wh	2.90kg	●	●	●
	URB12350	URB12350		38.0Ah	486.4Wh	4.80kg	●	●	●
	URB12550	URB12550		57.0Ah	729.6Wh	7.70kg	●	●	
	URB121000	URB121000		102.6Ah	1313.3Wh	13.60kg	●	●	
	URB12450-U1-SMB	URB12450-U1-SMB		45.6Ah	583.7Wh	5.46kg	●	●	
	URB0025	URB0025		5.6Ah	71.7Wh	0.82kg	●		

LITHIUM IRON PHOSPHATE, LEAD ACID REPLACEMENT

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL
	URB-X5	URB-X5	12.8V	21.6Ah	276.5Wh	3.67kg	●	●	●
	URB24200	URB24200	25.6V	20.0Ah	512.0Wh	8.1kg	●	●	
	URB0023-01	URB0023-01		64.8Ah	1658.9Wh	15.9kg	●		
	2EXL7557	2EXL7557	48.0V	100.0Ah	4800.0Wh	41.5kg	●		

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, 17A output
	UCH0062 UCH0063	AC Line Adapter	1	460g	●	●	●		Connectors: UCH0062: LD-SAE-74275 UCH0063: Alligator clips

CABLES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	UCA0152	28cm	Wiring Harness	Fused power cable for URB12450-U1-SMB

OTHER

CHARGERS	PART NUMBER	ADDITIONAL INFORMATION
	Top Hat (Coming Soon)	Charge external devices from a Harris 12041/12500 series battery using a USB-C or USB-A port. Charge a Harris 12041/12500 series battery using a USB-C wall charger.



POWER SYSTEMS

Ultralife makes power systems for markets where power failure is not an option (e.g. medical or military), using Lithium Iron Phosphate (LiFePO4) and Lithium-ion (Li-ion) batteries.

120VAC CART POWER SYSTEM

POWER SYSTEM	MODEL	PART NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	POWER	CHARGE RATE	UN	CB	UL
	URS-X5-01	URS-X5-01	100-240VAC 50/60Hz	120VAC 60Hz	150VA 150W	20A	●		

LIFEP04 BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL
	URB-X5	URB-X5	12.8V	21.6Ah	276.5Wh	3.45kg	●		●
	URB12450-U1-SMB	URB12450-U1-SMB	12.8V	45.6Ah	583.7Wh	5.46kg	●	●	

CHARGER	PART NUMBER	INPUT VOLTAGE TYPE	NUMBER OF BATTERIES	WEIGHT	UL	CE	FCC	NSN	ADDITIONAL INFORMATION
	UCH-X5	AC	2	3.5Kg (Desk Stand) 2.9Kg (Wall Mount)	●	●			For URB-X5

ACCESSORIES	MODEL	PART NUMBER	MAXIMUM CURRENT	CONNECTOR	DIMENSIONS	WEIGHT	UN	CB	UL
	UCA-X5	UCA-X5	20A	Single D-sub	129.9 x 95.4 x 324.4mm	0.5kg	●		
	THE TRACK	URX-X5	TBC	RJ45 female	100 x 22 x 56mm	TBC			

USB-C SOLUTION FOR POLE/MOBILE CARTS

CHARGER	MODEL	PART NUMBER	BATTERY CHARGE	INTERFACES	DIMENSIONS	WEIGHT	UN	CB	UL
	X5-LITE	UCA-X5-USB-C3	14.4V up to 20.0A	2x USB-C out 1x USB-C in 1x USB Mini B	129.9 x 95.4 x 324.3mm	0.5kg	●		

MODULAR MULTI KW BATTERIES

LIFEPO4 BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL
	Multi-kilowatt Module	URB0001-SMB	25.6V	100Ah	2560.0Wh	35.0kg	●		
	URB0023-01	URB0023-01	25.6V	64.8Ah	1658.9Wh	15.9kg	●		
	2EXL7557	2EXL7557	48.0V	100.0Ah	4800.0Wh	41.5kg	●		

INTELLIGENT POWER VAULT

POWER SYSTEM	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 convertor factory set to between 19V and 26V Output Option 2 (Unregulated): Battery Voltage: 12.0V to 16.8V
	IPV04		357Wh	2.45kg	●	●			
	IPV06		536Wh	3.32kg	●	●			
	IPV08		714Wh	4.20kg	●	●			

LI-ION BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	CB	UL
	VR420A	VR420A	14.4V	6.2Ah	89.3Wh	470g	●	●	●

ACCESSORIES	PART NUMBER	DESCRIPTION	SUPPORTED PRODUCTS			
			IPV02	IPV04	IPV06	IPV08
	AK001 AK002 AK003	15 Pin D Connector Kit 3 Pin Input Connector Kit 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	●	●	●	●

NON-RECHARGEABLE

Metering, internet-of-things, logistics and more

Non-rechargeable cells and battery packs offer high energy density and low self-discharge.
Lithium Manganese Dioxide is consumer replaceable.
Lithium Thionyl Chloride is technician replaceable.
Some cells manufactured in Newark, USA.

“Discover Ultralife’s next-generation cells”



RECHARGEABLE

NON-RECHARGEABLE



LITHIUM MANGANESE DIOXIDE

Lithium manganese dioxide (LiMnO2) 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.

9 VOLT BATTERIES

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 U9VLJPX U9VLJPXC					48	●	●	
		U9VLJP10 U9VLJP10CP - Retail Contractor Pack					100	●	●	
		U9VLJPPF6					48	●	●	

THIN CELLS®

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	SIZE	UL	CB	UN
	CP114951	CP114951	3.0V	380mAh	1.1Wh	4.0g	51.0mm x 48.8mm x 1.1mm	●		●
	CP124920	CP124920		165mAh	0.5Wh	1.7g	20.0mm x 48.8mm x 1.3mm	●		●
	CP243238	CP243238		700mAh	2.1Wh	5.7g	43.0mm x 38.0mm x 2.6mm	●		●
	CP301322	CP301322		115mAh	0.3Wh	1.1g	22.5mm x 13.5mm x 3.2mm	●	●	●

THIN CELLS®

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	SIZE	UL	CB	UN
	CP301030	CP301030	3.0V	150mAh	0.5Wh	1.4g	30.0mm x 11.2mm x 3.2mm	●		●
	CP403838	CP403838		1500mAh	4.5Wh	15.0g	48.0mm x 44.5mm x 4.4mm			
	CP502520	CP502520		600mAh	1.8Wh	4.5g	26.0mm x 25.0mm x 5.2mm	●		●
	CP502537	CP502537		1200mAh	3.6Wh	9.0g	43.0mm x 24.8mm x 5.2mm	●		●
	CP603145	CP603145		1900mAh	5.7Wh	15.7g	45.0mm x 31.0mm x 6.2mm	●		●

CR CYLINDRICAL CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UB123A	UB123A-CP - 150 count box UB123A-BK - 1500 count box	3.0V	1.6Ah	4.7Wh	17g	Samples available – contact Ultralife for details			
	UHR-CR15270 CR2-Spiral	CR15270		0.8Ah	2.3Wh	11g	●			
	UHR-CR19650	U10009 U10010 U10011 U10012		3.2Ah	9.6Wh	42g	●	●		
	UHR-CR34610	U10013 U10014* U10015 U10016		11.0Ah	33.0Wh	Varies by cell	●	●		*●
	UHR-CR26500	U10017* U10018 U10019 U10020		4.8Ah	14.4Wh	61g	●	●		*●
	UHR-CR26650	U10021* U10022 U10023 U10024		6.1Ah	18.3Wh	71g	●	●	*●	
	UHR-CR26500	U10025		4.8Ah	14.4Wh	61g	●			●
	UHR-CR34610-HC	U10026 U10026-T1		13.0Ah	39.0Wh	122g	●			●

CR CYLINDRICAL CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHR-CR25650	U10027	3.0V	6.1Ah	18.3Wh	71g	●			
	UHR-CR34610 TSO Certified	U10028 U10028-T1 U10029 U10029-T1		11.1Ah	33.0Wh	Varies by cell	●			

MILITARY NON-RECHARGEABLE PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	BA-5390A/U Li-MnO ₂	UB0023	30.0V 15.0V	11.1Ah 22.2Ah	333Wh	1.33kg	●			●

MILITARY NON-RECHARGEABLE CELLS

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		1.3Ah	3.9Wh	22g	●			●
	UHR-CR14250	UB1426		0.5Ah	1.5Wh	10g	●			●
	BA-5372/U	UB1733	6.0V	0.5Ah	3.0Wh	20g	●			●
	BA-5368/U	UB2776	12.0V	1.0Ah	12.0Wh	76g	●			●

AUTOMOBILE TELEMATICS PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UB0029	UB0029	6.6V	6.1Ah	40.3Wh	165g	●			

AUTOMOBILE TELEMATICS PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UB0030	UB0030	16.4V	5.6Ah	91.8Wh	410g	●			
	UKT0036	UKT0036					●			



LITHIUM THIONYL CHLORIDE

Lithium Thionyl Chloride (LiSOCI₂) cells have the highest energy density of all Lithium based chemistries. ER Generation X cells offer up to 30% more capacity performance (average across temperatures versus competition).

ER GENERATION X CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHE-ER14250-X 1/2 AA-Bobbin	UHE-ER14250-X	3.65V	1.2Ah	4.32Wh	10g	●	●		
	UHE-ER14505-X AA-Bobbin	UHE-ER14505-X		2.4Ah	8.8Wh	18g	●	●		
	UHR-ER14505-X AA-Spiral	UHR-ER14505-X		2.0Ah	7.3Wh	19g	●	●		
	UHR-ER18505-X A-Spiral	UHR-ER18505-X		3.0Ah	10.95Wh	35g	●	●		
	UHE-ER26500-X C-Bobbin	UHE-ER26500-X		9.0Ah	32.85Wh	58g	●	●		
	UHR-ER26500-X C-Spiral	UHR-ER26500-X		6.5Ah	23.7Wh	58g	●	●		
	UHE-ER34615-X D-Bobbin	UHE-ER34615-X		19.0Ah	69.35Wh	105g	●			
	UHR-ER34615-X D-Spiral	UHR-ER34615-X		14.5Ah	52.9Wh	108g	●	●		

ER GENERATION X2 CELLS FOR GAS METERING

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHE-ER34615-X2 D-Bobbin (Vented)	UHE-ER34615-X2	3.65V	16.5Ah	60.23Wh	108g	●			
	UHR-ER34615-X2 D-Spiral (Vented)	UHR-ER34615-X2		14.0Ah	51.1Wh	106g	●			

MILITARY NON-RECHARGEABLE PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	CS0032 1/3 M1	CS0032	11-12V	80Ah	920.0Wh	3.3kg	●			●
	CS0033 2/3 M1	CS0033		160Ah	1,840.0Wh	6.7kg	●			●
	CS0034 M1	CS0034		238Ah	2,737.0Wh	10kg	●			●

ELECTROCHEM THIONYL CHLORIDE CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	100LR Sub AAA-Bobbin	4006	3.67V	0.05Ah	0.18Wh	1.2g	●			
		4019		0.18Ah	0.66Wh	3.0g	●			
		4021		0.35Ah	1.29Wh	3.9g	●			
		4030		0.51Ah	1.87Wh	5.0g	●			
		4040		0.70Ah	2.57Wh	4.3g	●			
	100LR CC-Bobbin	4347		13.0Ah	47.71Wh	100.0g	●			●
Image Pending	150HR TSD-Spiral	4440		38.0Ah	139.46Wh	325.0g	●			
	150LR Sub AAA-Bobbin	4037		0.48Ah	1.76Wh	5.0g	●			
Image Pending	150LR 1/2AA-Bobbin	4161		0.80Ah	2.94Wh	10.0g	●			

ELECTROCHEM THIONYL CHLORIDE CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
Image Pending	150LR AA-Bobbin	4204	3.67V	1.50Ah	5.51Wh	19.0g	●			
	150LR CC-Bobbin	4282		11.0Ah	40.37Wh	95.0g	●			
Image Pending	150LR C-Bobbin	4301		5.60Ah	20.55Wh	52.0g	●			
Image Pending	150LR 3/2C-Bobbin	4321		8.7Ah	31.93Wh	85.0g	●			
	150LR CC-Bobbin	4341		12.0Ah	44.04Wh	100.0g	●			
	150MR Sub CC-Moderate	4242		9.0Ah	33.03Wh	75.0g	●			
	150MR Sub CC-Moderate	4248		10.0Ah	36.70Wh	69.2g	●			
Image Pending	150MR C-Moderate	4264		5.1Ah	18.72Wh	50.0g	●			
Image Pending		4302		5.7Ah	20.92Wh	52.0g	●			
	150MR CC-Moderate	4287		13.0Ah	47.71Wh	96.0g	●			
		4325		11.0Ah	40.37Wh	85.0g	●			
		4339		14.0Ah	51.38Wh	102.0g	●			
		4342		15.0Ah	55.05Wh	102.6g	●			
Image Pending	150MR 3/2C-Moderate	4322		11.0Ah	40.37Wh	85.0g	●			
	150MR D-Moderate	4362		11.0Ah	40.37Wh	105.0g	●			
	150MR DD-Moderate	4422		26.0Ah	95.42Wh	212.0g	●			

ELECTROCHEM THIONYL CHLORIDE CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
Image Pending	150MR TSD-Moderate	4435	3.67V	36.0Ah	132.12Wh	310.0g	●			
Image Pending	165LR AA-Bobbin	4205		1.4Ah	5.14Wh	17.0g	●			
Image Pending	165LR 3/2C-Bobbin	4320		8.5Ah	31.20Wh	77.7g	●			
	165MR Sub CC-Moderate	4249		9.9Ah	36.33Wh	69.2g	●			
	165MR CC-Moderate	4285		14.0Ah	51.38Wh	95.0g	●			
		4330		14.0Ah	51.38Wh	105.0g	●			
		4338		15.0Ah	55.05Wh	102.6g	●			
	165MR D-Moderate	4363		11.0Ah	40.37Wh	103.0g	●			
	165MR DD-Moderate	4408		25.0Ah	91.75Wh	223.3g	●			
	165MR DD-Moderate	4427		26.0Ah	95.42Wh	212.0g	●			
Image Pending	180LR 1/2AA-Bobbin	4166		0.77Ah	2.83Wh	10.0g	●			
Image Pending	180LR AA-Bobbin	4225		1.4Ah	5.14Wh	16.8g	●			
	180LR Sub CC-Bobbin	4244		7.5Ah	27.53Wh	69.5g	●			
	180LR CC-Bobbin	4284		10.0Ah	36.70Wh	95.0g	●			
	180MR Sub CC-Moderate	4243		7.6Ah	27.89Wh	73.0g	●			
		4252		8.5Ah	31.20Wh	73.0g	●			

ELECTROCHEM THIONYL CHLORIDE CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
Image Pending	180MR C-Moderate	4266	3.67V	5.6Ah	20.55Wh	50.0g	●			
	180MR CC-Moderate	4286		11.0Ah	40.37Wh	100.0g	●			
		4288		11.0Ah	40.37Wh	95.0g	●			
		4343		12.0Ah	44.04Wh	110.0g	●			
	180MR 3/2C-Moderate	4323		9.0Ah	33.03Wh	90.2g	●			
	180MR DD-Moderate	4409 4425		24.0Ah	88.08Wh	220.0g	●			
Image Pending	200LR AA-Bobbin	4230		1.4Ah	5.14Wh	16.8g	●			
	200LR Sub CC-Bobbin	4247		6.0Ah	22.02Wh	69.2g	●			
	200MR Sub CC-Moderate	4245		5.9Ah	21.65Wh	80.0g	●			
Image Pending	200MR C-Moderate	4267		4.2Ah	15.41Wh	50.0g	●			
	200MR CC-Moderate	4283		9.3Ah	34.13Wh	100.0g	●			
		4289 4346		9.0Ah	33.03Wh	95.0g 110.0g	●			
	200MR DD-Moderate	4410		20.0Ah	73.40Wh	220.0g	●			
Image Pending	MWD150 DD-Spiral	3B3900		22.0Ah	80.74Wh	210.0g	●			
Image Pending	QTC85 DD-Spiral	3B2600		31.0Ah	113.77Wh	213.0g	●			
Image Pending	QTC85 Coin-Bobbin	3B6880* 3B6890		1.0Ah	3.67Wh	10.0g	●	*●		●
Image Pending	VHT200 C-Spiral	3B4800		4.4Ah	16.15Wh	52.0g	●			
	VHT200 AA-Spiral	3B5400		1.1Ah	4.04Wh	15.0g	●			



LITHIUM SULFURYL CHLORIDE

Lithium Sulfuryl Chloride (Li/SO₂Cl₂) cells can operate in temperatures of up to +165°C, making them ideal for use in high temperature applications such as downhole drilling tools in the oil and gas industry. These cells also offer high energy density and high pulse discharge.

DOWNHOLE MWD & LWD PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	APS MWD 60123 APS MWD 61167 APS MWD 60663	39290661.3308 86390667.3308 24590977	36.0V	150CHR-26Ah 165CMR-28Ah 180CHR-15Ah	936Wh 1008Wh 540Wh	2.95Kg 2.91Kg 2.56Kg	●			
	Tensor MWD	24590001.3310 24590003.3310 24590002.3310	29.0V	150CMR-29Ah 165CHR-26Ah 180CHR-24Ah	841Wh 754Wh 696Wh	2.49Kg 2.68Kg 2.68Kg	●			
	Applied Physics with CR4	2EXL10404PLM	29.0V	29Ah	841Wh	2.27Kg	●			
	APS with CR4	2EXL10518CR4	36.0V	28Ah	1008Wh	3.18Kg	●			
	Bluestar with CR4	2EXL10000CR4	29.0V	29Ah	841Wh	2.63Kg	●			
	EvoOne with CR4	2EXL10000CR4	36.0V	29Ah	1044Wh	4.54Kg	●			
	Extreme Engineering	2EXL4601EX	14.4V	58Ah	835Wh	2.3Kg	●			
	Tensor with CR4	2EXL10073CR4	29.0V	29Ah	841Wh	2.54Kg	●			

ELECTROCHEM SULFURYL CHLORIDE CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
Image Pending	CSC93 AA-Spiral	3B0024	3.93V	1.8	7.07Wh	17.0g	●	●		●
	CSC93 1/2C-Spiral	3B0029		3.1	12.18Wh	34.0g	●			

ELECTROCHEM SULFURYL CHLORIDE CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
Image Pending	CSC93 C-Spiral	3B0030	3.93V	6.4	25.15Wh	52.0g	●			●
	CSC93 D-Spiral	3B0035		13.0	51.09Wh	116.0g	●			●
	CSC93 DD-Spiral	3B0036		26.0	102.18Wh	213.0g	●			
Image Pending	CSC93 2/5C-Spiral	3B0665		2.7	10.61Wh	26.0g	●			
	CSC93 Coin-Bobbin	3B6045		1.0	3.93Wh	10.0g	●	●		
	CSC93 TSD-Spiral	3B6200		37.0	145.41Wh	300.0g	●			
Image Pending	PMX150 AA-Spiral	3B1065		1.7	6.68Wh	17.0g	●			●
Image Pending	PMX150 DD-Spiral	3B2800		29.0	113.97Wh	215.0g	●			
	PMX150 CC-Spiral	3B3000		14.0	55.02Wh	101.0g	●			
Image Pending	PMX150 C-Spiral	3B3700		6.3	24.76Wh	52.0g	●			
	PMX150 1/2AA-Spiral	3B5700		0.9	3.54Wh	8.3g	●			
Image Pending	PMX165 C-Spiral	3B5100		6.2	24.37Wh	52.0g	●			
Image Pending	PMX165 CC-Spiral	3B5200		14.0	55.02Wh	101.0g	●			



LITHIUM BROMINE CHLORIDE

Lithium Bromine Chloride (Li/BCX) cells deliver superior restart and pulse capabilities with dependable performance across a wide range of temperatures and discharge rates. They can operate in up to +85°C and are designed to provide extreme power under demanding conditions.

ELECTROCHEM BROMINE CHLORIDE CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
Image Pending	BCX85 AA-Spiral	3B0027	3.9V	1.6	6.24	15.0g	●	●		●
Image Pending		3B0064		1.9	7.41	17.0g	●	●		●
Image Pending	BCX85 1/2C-Spiral	3B0068		3.5	13.65	34.0g	●			
Image Pending	BCX85 C-Spiral	3B0070		7.1	27.69	52.0g	●			●
Image Pending		3B3800		6.5	25.35		●			
	BCX85 D-Spiral	3B0075 3B4000		14.0	54.60	116.0g 111.0g	●			
Image Pending	BCX85 DD-Spiral	3B0076		30.0	117.00	213.0g	●			
Image Pending	BCX85 SD-Spiral	3B4700		31.0	120.90	200.0g	●			
	BCX85 Coin-Bobbin	3B6050		0.95	3.71	10.0g	●	●		●
Image Pending	BCX85 TSD-Spiral	3B6100		38.0	148.20	290.0g	●			



HYBRID CELLS

Ultralife’s Lithium Carbon Monofluoride Manganese Dioxide (LiCFx/MnO2) cells improve upon lithium manganese dioxide chemistry, 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.

XR CYLINDRICAL CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	XR123A	XR123A-CP - 150 count box XR123A-BK - 1500 count box	3.0V	2.0Ah	6.0Wh	16g	●			

XR CYLINDRICAL CELLS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHR-XR26500	UHR-XR26500 UHR-XR26500-T1	3.0V	6.8Ah	20.4Wh	56g	●			
	UHR-XR26650	UHR-XR26650 UHR-XR26650-T1		8.4Ah	25.2Wh	68g	●			
	UHR-XR34610	UHR-XR34610 UHR-XR34610-T1		16.0Ah	48.0Wh	113g	●			

M32271/1 MILITARY PACKS

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	NSN
	UBI-5390/XC Li-CFx / MnO ₂	UB0032	30.0V 15.0V	16.0Ah 32.0Ah	480Wh	1.3kg	●	●
	BA-5790 Full Size SMBus	UB0036				1.33kg	●	

POWER SUPPLIES

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

CABLES & ACCESSORIES

CABLES & ACCESSORIES	PART NUMBER	LENGTH / SIZE	TYPE	ADDITIONAL INFORMATION
	CA0002 CA0002-01 CA0002-02 CA0002-03	61cm 100cm 200cm 183cm	4 Conductor; 18 AWG	MIL-SPEC'D design
	CA0002P-01 CA0002P-02 CA0002P-03 CA0002P-04	100cm 200cm 183cm 61cm	4 Conductor; 18 AWG	MIL-SPEC'D design
	CA0006 CA0006-01 CA0006-02	61cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in series configuration

CABLES & ACCESSORIES

CABLES & ACCESSORIES	PART NUMBER	LENGTH / SIZE	TYPE	ADDITIONAL INFORMATION
	CA0007 CA0007-01 CA0007-02	61cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in parallel configuration
	CA0008 CA0008-01 CA0008-02	61cm 100cm 200cm	4 Conductor; 18 AWG	Right-angled connector
	CA0009 CA0022	61cm	6 Conductor, 22 AWG	Non-Shielded version Shielded version
	UAD0021-01	91cm	HP Laptop XX90 Adapter	Additional laptop compatibility (contact Ultralife for more information)
	UCA0126	48in	PRC-152 Adapter for XX90 Batteries	

NOTES



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Please note:

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For the latest data please refer to published specifications which are available on our website at www.ultralifecorp.com.

