

PRODUCT SUMMARY GUIDE

BATTERIES, POWER SYSTEMS, CHARGERS & CABLES
FROM ULTRALIFE



ULTRALiFE®
WE. ARE. POWER.®

The logo features the word "ULTRALiFE" in a bold, italicized sans-serif font. The letters "ULTRA" are black, "Li" is grey, and "FE" is black. A small red square is positioned above the dot of the "i". A registered trademark symbol (®) is located to the right of the word. Below it, the tagline "WE. ARE. POWER." is written in a bold, italicized sans-serif font, with all letters in red. A registered trademark symbol (®) is located to the right of the tagline. The 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

- 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

www.ultralifecorp.com
sales@ultralifecorp.com
TEL: 800-332-5000 (USA & Canada)
TEL: +1-315-332-7100



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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.



RECHARGEABLE

“
A wide range of rechargeable batteries and power systems”

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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
	UBBL07	UBBL07	3.7V	6.1Ah	22.6Wh	160g	●		●	●
	UBBL20	UBBL20-FL UBBL20-C1 UBBL20-C2	7.2V	2.8Ah	19.8Wh	100g	●	●		
	UBBL21	UBBL21-FL UBBL21-C1	10.8V	2.3Ah	24.8Wh	151g	●	●		
	UBBL22	UBBL22-FL UBBL22-C1 UBBL22-C2-TH	14.4V	2.8Ah	40.3Wh	192g	●	●		
	UBBL23	UBBL23-FL UBBL23-C1	3.6V	4.6Ah	16.6Wh	100g	●			
	UBBL24	UBBL24-FL UBBL24-C1 UBBL24-FL-TH UBBL24-C2-TH	7.2V	5.2Ah	37.4Wh	191g	●			
	UBBL25	UBBL25-FL UBBL25-C1 UBBL25-FL-TH UBBL25-C2-TH UBBL25-C3-TH	11.1V	5.2Ah	57.7Wh	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		1.8Ah	6.7Wh	41g	●	●	●	
	UBP002	UBP002	3.7V	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	3.0Ah	TBC		●		●		
	2EXL7577	2EXL7577	14.4V	6.0Ah	43.2Wh	TBC	●		●	

RECHARGEABLE






RECHARGEABLE

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

RECHARGEABLE



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	250.0Wh	1.35kg	●			
	UBI-2590/U SMBus	UBBL10-01	14.4V 28.8V	17.4Ah 8.7Ah	250.6Wh	1.35kg	●	●		●
	UBI-2590/U SMBus Commercial	UBBL10-01-CB					●	●	●	
	UBI-2590/U High Capacity SMBus	UBBL13-01		20.0Ah 10.0Ah	288.0Wh	1.45kg	●	●		●
	UBI-2590/U High Capacity SMBus Commercial	UBBL13-01-CB	●				●	●		
	UBI-2590SF Dual Voltage, SMBus	UBBL62	10.8V 21.6V	11.6Ah 5.8Ah	63Wh (2X)	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

RECHARGEABLE


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 20% state-of-charge for shipment by air)
	MRC-135A	PV	1	635g					
	UCH0053	AC DC	6	15.8kg	●	●	●		Also compatible with PRC-148/152 handheld batteries
	UCH0054	AC DC	2 (plus 2 USB devices)	5.7kg	●	●	●		
	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








UBI-2590 PRODUCTS






CABLES & ACCESSORIES	PART NUMBER	LENGTH	TYPE	ADDITIONAL INFORMATION
	CA0006 CA0006-01 CA0006-02	61cm 100cm 200cm	2 Conductor; 18 AWG	Right-angled connector, places battery in series configuration
	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
	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	UBBL35	14.4V	7.3Ah	105.1Wh	960g	●	●
	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	
	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	●		●							*●

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

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	●








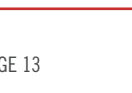
SUBSEA BATTERY MODULES

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	77192445.3352 77193045.3352 77193745.3352	25.9V 29.6V 37.0V	42Ah	1088Wh 1243Wh 1554Wh	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	360g	●	●	
	URB1270	URB1270	12.8V	7.6Ah	97.3Wh	1.10kg	●	●	●
	URB12200	URB12200		20Ah	256.0Wh	2.87kg	●	●	●
	URB12350	URB12350		38Ah	486.4Wh	4.80kg	●	●	●
	URB12550	URB12550		55.8Ah	714.2Wh	7.87kg	●	●	
	URB121000	URB121000		100Ah	1280.0Wh	13.91kg	●	●	
	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
	URB24200-U1-SMB	Coming Soon	25.6V	22.8Ah	583Wh	5.46kg	●	●	●
	URB-X5	URB-X5	12.8V	21.6Ah	276.5Wh	3.67kg	●	●	●
	URB0023 URB0016-SMB	URB0023 URB0016-SMB	25.6V	54.0Ah	1382.4Wh	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	●		

LIFEPO4 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/USB-A SOLUTION FOR POLE/MOBILE CARTS


CHARGER	MODEL	PART NUMBER	BATTERY CHARGE	CONNECTOR	DIMENSIONS	WEIGHT	UN	CB	UL
	X5-LITE	UCA-X5-USB	14.4V at 8.0A	USB-C/ USB-A	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 URB0016-SMB	URB0023 URB0016-SMB	25.6V	54.0Ah	1382.4Wh	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 converter 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 ”



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	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	●	●	●
		U9VLJFPF					100	●	●	●
		U9VLJPBP U9VLJPX U9VLJPXC					48	●	●	
		U9VLJP10 U9VLJP10CP - Retail Contractor Pack					100	●	●	
		U9VLJFPF6					48	●	●	

THIN CELL®

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

THIN CELL®

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

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UB123A	UB123A	3.0V	1.6Ah	4.7Wh	17g	Samples available – contact Ultralife for details			
	UHR-CR15270 CR2-Spiral	CR15270	3.0V	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	●			●	


NON-RECHARGEABLE

NON-RECHARGEABLE




CR CYLINDRICAL

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

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	●			●
	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










BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UB0029	UB0029	6.6V	6.1Ah	40.3Wh	165g	●			
	UB0030	UB0030	16.4V	5.6Ah	91.8Wh	410g	●			
	UKT0036	UKT0036					●			






LITHIUM THIONYL CHLORIDE

Ultralife Lithium Thionyl Chloride (LiSOCl₂) cells have the highest energy density of all Lithium based chemistries. Downhole drilling packs use similar Lithium Sulfuryl Chloride.

ER CYLINDRICAL

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		7.5Ah	27.4Wh	56g	●			
	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	●			
	UHE-ER34615-X2 D-Bobbin (Vented)	UHE-ER34615-X2		16.5Ah	60.23Wh	108g	●	●		
	UHR-ER34615-X D-Spiral	UHR-ER34615-X		14.5Ah	52.9Wh	108g	●			
	UHR-ER34615-X D-Spiral (Vented)	UHR-ER34615-X		14.0Ah	51.1Wh	106g	●	●		
	UHE-ER34615-X2 D-Spiral (Vented)	UHE-ER34615-X2								

MILITARY NON-RECHARGEABLE

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	●			●

DOWNHOLE MWD & LWD




BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	ABS		
	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		150CMR-29Ah 165CHR-26Ah 180CHR-24Ah	841Wh 754Wh 696Wh	2.49Kg 2.68Kg 2.68Kg			●	
	Applied Physics with CR4	2EXL10404PLM		29Ah	841Wh	2.27Kg				
	APS with CR4	2EXL10518CR4	28Ah	1008Wh	3.18Kg	●				
	Bluestar with CR4	2EXL10000CR4	29Ah	841Wh	2.63Kg			●		
	EvoOne with CR4	2EXL10000CR4	29Ah	1044Wh	4.54Kg					●
	Extreme Engineering	2EXL4601EX	14.4V	58Ah	835Wh	2.3Kg	●			
	Tensor with CR4	2EXL10073CR4	29.0V	29Ah	841Wh	2.54Kg		●		

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









BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	XR123A	XR123A	3.0V	2.0Ah	6.0Wh	16g	●			
	UHR-XR26500	UHR-XR26500 UHR-XR26500-T1		6.8Ah	20.4Wh	56g	●			
	UHR-XR26650	UHR-XR26650 UHR-XR26650-T1		8.4Ah	25.2Wh	68g	●			

XR CYLINDRICAL

BATTERIES	MODEL	PART NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	RATED ENERGY	WEIGHT	UN	UL	CB	NSN
	UHR-XR34610	UHR-XR34610 UHR-XR34610-T1	3.0V	16.0Ah	48.0Wh	113g	●			

M32271/1 MILITARY PRODUCTS

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	●	

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
	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	

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

ULTRALiFE[®]

BATTERY & ENERGY PRODUCTS

2000 Technology Parkway
Newark, New York, 14513
United States

TEL 800-332-5000 (USA & Canada)

TEL +1-315-332-7100

EMAIL sales@ultralifecorp.com

WEB www.ultralifecorp.com



Please note:

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