

Batteries powered by PolyMax HPC LiPo cells are best-in-class products that feature high capacity and these important benefits:

- Longer runtimes compared to other two-way radio battery options.
- Greater cycle life compared to Li-Ion cells (500+ vs. 300).
- Significantly lighter weight compared to NiMH batteries with similar capacity.
- Self-discharge rate of less than 5% per month, which is one third that of NiMH batteries.
- Solid construction and quality fit with radio.
- Extended warranty – 24 months for capacity (80%) and 24 months for materials and workmanship.
- Can be charged using Endura, Logic, or OEM chargers designed for Li-Ion batteries.



Note: All of the SMART batteries in 2022 are back ordered. The only way to get these packs is to place a stocking order for a years supply so your order will be in the que for shipping. Orders are only filled on a first ordered first ship basis. If you find them, just cancel your order.

For Motorola Radios



For Harris Radios



When Your Need is Critical, Choose The Best!

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Criticalbattery.com

Specifications – PolyMax HPC Batteries

Part Number	CX234361LIP	CX1912LIP**	CXKNB78LIP	CXKNB57LIP	CXKNB43LIP
Radio Models (Partial Listing)	Harris P5300, P5400, P7300, XG25P, XG75P	Harris P5100, P5200, P7100, P7200	Kenwood NX3200, NX3220, NX3300, NX3320	Kenwood NX220, NX320, TK2170, TK3170, TK3360	Kenwood NX210, NX410, TK2180, TK3180, TK5210
Replacement For	BT-023436-001	BT-01942-001 HMA 2104-LIP**	KNB-78L	KNB-57L	KNB-43L
Cell Type	PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC
Cell Chemistry	LiPo	LiPo	LiPo	LiPo	LiPo
Capacity	4100 mAh / 30.3 Wh	4100 mAh / 30.3 Wh	3000 mAh / 22.2 Wh	3500mAh / 25.9 Wh	4100 mAh / 30.3 Wh
Voltage	7.4 V	7.4 V	7.4 V	7.4 V	7.4 V
Cycle Life	> 500	> 500	> 500	> 500	> 500
Battery Life*	>18 hrs P7300 (UHF)	>21 hrs P7100 (IP)	>20 hrs NX3320	>20 hrs NX320	>22 hrs TK2180
Weight	0.44 lbs / 201.5 g	0.41 lbs / 186.0 g	0.31 lbs / 140.6 g	0.35 lbs / 158.7 g	0.42 lbs / 189.5 g
Dimensions (LxWxD)	4.52" x 2.44" x 1.01" 114.8 x 62.0 x 25.7 mm	4.65" x 2.35" x 0.94" 118.1 x 59.7 x 23.9 mm	3.96" x 2.21" x 0.71" 100.6 x 56.2 x 17.9 mm	3.93" x 2.21" x 0.87" 99.7 x 56.1 x 22.1 mm	4.64" x 2.27" x 0.93" 117.9 x 57.7 x 23.6 mm
Belt Clip	Included	N/A	N/A	N/A	N/A
Warranty	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship
	CXKNB48LIP	CX9013LIPIC	CX8299LIPXT	CX9858LIPIC	CM4486LIPIC
	Kenwood NX200, NX300, TK5220, TK5320	Motorola HT750, HT1250, PR860	Motorola XTS3000, XTS3500, XTS5000	Motorola XTS1500, XTS2500, MT1500, PR1500	Motorola APX6000, APX7000, APX8000
	KNB-48L	HNN9013DR	N/A	PMNN4495	PMNN4486
	PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC
	LiPo	LiPo	LiPo	LiPo	LiPo
	3500 mAh / 25.9 Wh	4100 mAh / 30.3 Wh	4600 mAh / 34.0 Wh	4100 mAh / 30.3 Wh	3400mAh / 30.3 Wh
	7.4 V	7.4 V	7.4 V	7.4 V	7.4 V
	> 500	> 500	> 500	> 500	> 500
	>19 hrs NX200G	>19 hrs (HP) >31 hrs (LP) HT1250	>22 hrs XTS5000 (digital / VHF)	>19 hrs XTS2500 (digital)	>15 hrs (HP) APX6000
	0.37 lbs / 167.8 g	0.45 lbs / 202.0 g	0.52 lbs / 237.0 g	0.45 lbs / 204.1 g	0.36 lbs / 163.3 g
	4.15" x 2.29" x 1.05" 105.4 x 58.2 x 26.7 mm	4.84" x 2.34" x 0.98" 122.9 x 59.4 x 24.9 mm	6.17" x 2.36" x 0.93" 156.7 x 59.9 x 23.9 mm	4.84" x 2.32" x 0.98" 122.9 x 58.9 x 24.9 mm	3.41" x 2.36" x 1.66" 86.6 x 60.0 x 42.2 mm
	N/A	Included	Included	Included	N/A
	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship	24 months – capacity (80%) 24 months – materials & workmanship

*Battery life based on 5-5-90 duty cycle. **PM1912LIP-P710X replaces HMA2104-LIP (GTS).

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