

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.

For Kenwood Radios



PMKNB78LIP
 3000 mAh
 (Kenwood NX-3220)



PMKNB57LIP
 3500 mAh
 (Kenwood TK-3170)



PMKNB43LIP
 4100 mAh
 (Kenwood TK-3180)



PMKNB48LIP
 3500 mAh
 (Kenwood NX-300G)

For Motorola Radios



PM9013LIP
 4100 mAh
 (Motorola HT1250)

PM8299LIPXT
 4600 mAh
 (Motorola XTS5000)



PM9858LIPIC
 4100 mAh/Smart
 (Motorola XTS2500)



PM4487LIPIC
 4900 mAh/Smart
 (Motorola APX6000)



PM4486LIPIC
 3400 mAh/Smart
 (Motorola APX6000)



PM234361LIP
 4100 mAh
 (Harris XG-75P)



PM1912LIP
 4100 mAh
 (Harris P7100)

For Harris Radios

Authorized Dealer:

Specifications – PolyMax HPC Batteries

Part Number	PM234361LIP	PM1912LIP**	PMKNB78LIP	PMKNB57LIP	PMKNB43LIP
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

PMKNB48LIP	PM9013LIP	PM8299LIPXT	PM9858LIPIC	PM4486LIPIC	PM4487LIPIC
Kenwood NX200, NX300, TK5220, TK5320	Motorola HT750, HT1250, PR860	Motorola XTS3000, XTS3500, XTS5000	Motorola XTS1500, XTS2500, MT1500, PR1500	Motorola APX6000, APX7000, APX8000	Motorola APX6000, APX7000, APX8000
KNB-48L	HNN9013DR	N/A	PMNN4495	PMNN4486	PMNN4487
PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC
LiPo	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	4900mAh / 36.3 Wh
7.4 V	7.4 V	7.4 V	7.4 V	7.4 V	7.4 V
> 500	> 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	>21 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	0.54 lbs / 244.9 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	5.39" x 2.34" x 1.57" 136.8 x 59.4 x 39.9 mm
N/A	Included	Included	Included	N/A	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	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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