

PolyMax HPC Batteries

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 Energy, or OEM chargers designed for Li-Ion batteries.

For Motorola Radios



PM9858LIP
4100 mAh
(Motorola XTS2500)



PM9013LIP
4100 mAh
(Motorola HT1250)



PM8299LIPXT
4600 mAh
(Motorola XTS5000)

For Kenwood Radios



PMKNB57LIP
3500 mAh
(Kenwood NX-220)



PMKNB43LIP
4100 mAh
(Kenwood TK-3180)



PMKNB48LIP
3300 mAh
(Kenwood NX-300)

For Harris Radios



PM234361LIP
4100 mAh
(Harris P7300)



PM1912LIP
4100 mAh
(Harris P7100)

Authorized Dealer:



PolyMax HPC Batteries By Power Products
Lithium Polymer • Maximum Energy

Specifications – PolyMax HPC Batteries

Part Number	PM8299LIPXT	PM9858LIP	PM9013LIP	PM1912LIP	PM234361LIP
Radio Models	Motorola XTS3000, XTS3500, XTS5000	Motorola XTS1500, XTS2500, MT1500, PR1500	Motorola HT750, HT1250, PR860	Harris P5100, P5200, P7100, P7200	Harris P5300, P5400, P7300, XG25P, XG75P
Replacement For	N/A	N/A	HNN9013DR	BT-01942-001	BT-023436-001
Cell Type	PolyMax HPC				
Cell Chemistry	LiPo	LiPo	LiPo	LiPo	LiPo
Capacity	4600 mAh / 34.0 Wh	4100 mAh / 30.3 Wh			
Voltage	7.4 V				
Cycle Life	> 500	> 500	> 500	> 500	> 500
Battery Life*	>22 hrs XTS5000 (digital / VHF)	>19 hrs XTS2500 (digital)	>19 hrs (HP) >31 hrs (LP) HT1250	>21 hrs P7100 (IP)	>18 hrs P7300 (UHF)
Weight	0.52 lbs / 237.0 g	0.45 lbs / 204.1 g	0.45 lbs / 202.0 g	0.41 lbs / 186.0 g	0.44 lbs / 201.5 g
Dimensions (LxWxD)	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	4.84" x 2.34" x 0.98" 122.9 x 59.4 x 24.9 mm	4.65" x 2.35" x 0.94" 118.1 x 59.7 x 23.9 mm	4.52" x 2.44" x 1.01" 114.8 x 62.0 x 25.7 mm
Belt Clip	Included	Included	Included	N/A	Included
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

Part Number	PMKNB43LIP	PMKNB48LIP	PMKNB57LIP
Radio Models	Kenwood NX210, NX410, TK2180, TK3180, TK5210	Kenwood NX200, NX300, TK5220, TK5320	Kenwood NX220, NX320, TK2140, TK3140, TK3360
Replacement For	KNB-43L	KNB-48L	KNB-57L
Cell Type	PolyMax HPC	PolyMax HPC	PolyMax HPC
Cell Chemistry	LiPo	LiPo	LiPo
Capacity	4100 mAh / 30.3 Wh	3300 mAh / 24.4 Wh	3500 mAh / 25.9 Wh
Voltage	7.4 V	7.4 V	7.4 V
Cycle Life	> 500	> 500	> 500
Battery Life*	>22 hrs TK2180	>18 hrs NX200G	>20 hrs NX220
Weight	0.42 lbs / 189.5 g	0.37 lbs / 167.8 g	0.35 lbs / 158.7 g
Dimensions (LxWxD)	4.64" x 2.27" x 0.93" 117.9 x 57.7 x 23.6 mm	4.15" x 2.29" x 1.05" 105.4 x 58.2 x 26.7 mm	3.93" x 2.21" x 0.87" 99.7 x 56.1 x 22.1 mm
Belt Clip	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



*Battery life based on 5-5-90 duty cycle.

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