

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



318-1348LIP
4100 mAh
(Motorola XTS2500)



318-1420LIP
4100 mAh
(Motorola HT1250)



318-1338LIP
4600 mAh
(Motorola XTS5000)

For Kenwood Radios



317-0720LIP
3500 mAh
(Kenwood NX-220)



318-0729LIP
4100 mAh
(Kenwood TK-3180)



318-0738LIP
3300 mAh
(Kenwood NX-300)

For Harris Radios



318-0335LIP
4100 mAh
(Harris P7300)



318-0260LIP
4100 mAh
(Harris P7100)

Also available, high capacity batteries for Motorola APX6000 / APX7000 / APX8000 radios.



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8260 Patuxent Range Road, Jessup, MD 20794
Toll Free 877.290.0222 Web www.procom2way.com
Email sales@procom2way.com Fax 301.497.9082

Specifications – PolyMax HPC Batteries

Part Number	318-1338LIP	318-1348LIP	318-1420LIP	318-0260LIP	318-0335LIP
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	PolyMax HPC	PolyMax HPC	PolyMax HPC	PolyMax HPC
Cell Chemistry	LiPo	LiPo	LiPo	LiPo	LiPo
Capacity	4600 mAh / 34.0 Wh	4100 mAh / 30.3 Wh	4100 mAh / 30.3 Wh	4100 mAh / 30.3 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*	>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	318-0729LIP	318-0738LIP	317-0720LIP
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 TK-2180	>18 hrs NX-200G	>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.

Also available, innovative 12-slot, 6-slot, dual-slot, and single-slot PROCOM chargers for office, shop, and in-vehicle applications.



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