

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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