

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, 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
3500 mAh
(Kenwood NX-300)

For Harris Radios



PM234361LIP
4100 mAh
(Harris XG-75P)



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 | 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 | 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 | 3500 mAh / 25.9 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 | >19 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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