



Intrinsically Safe Batteries



Reliable Energy For Dangerous Areas

Designed to safely power two-way radios in dangerous environments where combustible gases, particles, fiber, or dust exist. Intrinsically Safe batteries adhere to rigorous assembly standards to ensure reliability in the field while keeping your team safe.

Reliable power in industries including energy, mining, refineries, oil & gas, and many more. Key benefits include:

- Designed with shock absorbing materials and flex boards for added protection if dropped or subjected to impact.
- Certified by SGS to TIA-4950 / CSA C22.2 No. 157 / UL 913 5th Edition standard for intrinsically safe and non-incendive use (see back for additional information).
- All models incorporate Japanese or Korean cells for optimal performance and longer cycle life.
- Excellent fit with specified radios and compatible with Endura and OEM chargers.
- Belt clip included with applicable models.

FOR KENWOOD RADIOS



FOR L3HARRIS RADIOS



FOR ICOM RADIOS



FOR MOTOROLA RADIOS



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Serving the wireless industry since 1994.

Specifications

| | LE4489LIIS(-V2) | LE4069LIIS(-V2)* | LE4007MHXTIS | LE9857MHIS | LE234066LIIS | LE1912MHIS |
|---------------------------|--|---|---|---|---|---|
| Radio Models | Motorola XPR3300e, XPR3500e, XPR7350e, XPR7380e, XPR7550e, XPR7580e | Motorola XPR6350, XPR6550 | Motorola XTS3000, XTS3500, XTS5000 | Motorola XTS1500, XTS2500, MT1500 | L3Harris XG-25P, XG-75P, P5300, P7300 | L3Harris P7100, P7300, P5100, P5200 |
| Replacement | PMNN4489, NNTN8129 | PMNN4069 | RNN4007 | NTN9857 | BT-023406-006 | BKB191210/36 |
| Cell Type | Li-Ion (Panasonic UF553450Z) | Li-Ion (Panasonic UR18650ZY) | NiMH (FDK HR-4/3AU) | NiMH (FDK HR-AU) | Li-Ion (Panasonic UR18650ZY) | NiMH (FDK HR-AU) |
| Capacity | 3400 mAh | 2200 mAh | 3500 mAh | 2500 mAh | 2500 mAh | 2500 mAh |
| Voltage | 7.4 V | 7.4 V | 7.5 V | 7.5 V | 7.4 V | 7.5 V |
| Cycle Life | > 500 | > 500 | > 400 | > 450 | > 450 | > 450 |
| Weight | 0.45 lb / 206.0 g | 0.27 lb / 123.0 g | 0.81 lb / 376.4 g | 0.63 lb / 285.8 g | 0.34 lb / 154.2 g | 0.56 lb / 254.0 g |
| Dimensions (H x W x D) | 4.51 x 2.18 x 0.91" 114.5 x 55.4 x 23.1 mm | 5.07 x 2.13 x 0.89" 128.8 x 54.0 x 22.6 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 | 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 |
| Belt Clip | Included | Included | Included | Included | Included | N/A |
| Rating | IP68 | IP64 | IP60 | IP60 | IP64 | IP60 |
| Certification | A | A | B | B | E | B |

| | LEKNB40LIIS | LEKNB41MHIS | LEKNB2LIIS | LE232LIIS | LEPA4MLIIS |
|---------------------------|--|---|--|---|--|
| Radio Models | Kenwood NX220, NX320, NX420 | Kenwood NX210, NX410, TK5210, TK5310 | Kenwood NX5200, NX5300 NX5400 | Icom IC-F3161 (DT/T/DS/S), IC-F4161 (DT/D/DS/S) | L3Harris XL-200Pi, XL-185Pi |
| Replacement | KNB-68LC | KNB-41NC | KNB-LS5 | BP-232FM | XL-PA4M / 14035-5050-02 |
| Cell Type | Li-Ion (Panasonic NCA103450) | NiMH (FDK HR-4/5AU) | Li-Ion (Panasonic UF553450Z) | Li-Ion (Panasonic UR18650ZY) | Li-Ion (Samsung INR21700-50E) |
| Capacity | 1900 mAh | 2500 mAh | 3400 mAh | 2500 mAh | 5000 mAh |
| Voltage | 7.4 V | 7.2 V | 7.4 V | 7.4 V | 7.2 V |
| Cycle Life | > 500 | > 450 | > 450 | > 450 | > 500 |
| Weight | 0.28 lb / 127.0 g | 0.58 lb / 263.1 g | 0.42 lb / 190.5 g | 0.29 lb / 133.2 g | 0.43 lb / 195 g |
| Dimensions (H x W x D) | 3.95 x 2.2 x 0.89" 100.4 x 56.0 x 22.5 mm | 4.64 x 2.25 x 0.92" 117.9 x 57.2 x 23.4 mm | 4.59 x 2.28 x 1.1" 116.5 x 57.9 x 28.2 mm | 3.62 x 2.21 x 0.84" 91.9 x 56.0 x 21.3 mm | 3.04 x 2.28 x 1.27" 77.3 x 57.9 x 32.3 mm |
| Belt Clip | N/A | N/A | N/A | N/A | N/A |
| Rating | IP64 | IP64 | IP67 | IP68 | IP68 |
| Certification | A | C | D | F | F |

Certified by SGS to TIA-4950 / CSA C22.2 No. 157 / UL 913 5th Edition standard for intrinsically safe and non-incendive use as referenced.

(A) Intrinsically safe use (Class I, II, III / Division 1 / Groups C-G / -20° C to 40° C, T3C) and non-incendive use (Class I, II, III / Division 2 / Groups A-G / -20° C to 40° C, T3C).

(B) Intrinsically safe use (Class I, II, III / Division 1 / Groups C-G / -20° C to 40° C, T3C) and non-incendive use (Class I / Division 2 / Groups A-D / -20° C to 40° C, T3C).

(C) Intrinsically safe use (Class I, II, III / Division 1 / Groups C-G / -20° C to 40° C, T3) and non-incendive use (Class I, Division 2, Groups A-D / -20° C to 40° C, T3).

(D) Intrinsically safe use (Class I, II, III / Division 1 / Groups A-G / -20° C to 60° C, T3B) and non-incendive use (Class I, II, III / Division 2 / Groups A-G / -20° C to 60° C, T3B).

(E) Intrinsically safe use (Class I, II, III / Division 1 / Groups A-G / -20° C to 60° C, T4) and non-incendive use (Class I, II, III / Division 2 / Groups A-G / -20° C to 60° C, T4).

(F) Intrinsically safe use (Class I, II, III / Division 1 / Groups C-G / -20° C to 40° C, T3) and non-incendive use (Class I, II, III / Division 2 / Groups A-G / -20° C to 40° C, T3)

*Not compatible with XPR6580 IS CSA.