

Reliable Energy For Dangerous Areas

Logic Energy intrinsically safe batteries are top quality products designed for safely powering your two-way radio in areas where combustible dusts, fibers, or gases exist. Solid engineering and adherence to rigorous assembly standards ensure that Logic Energy batteries will keep workers safe and their radios reliably powered. Key benefits include:

- 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 cells for optimal performance and longer cycle life.
- Use of flex boards and shock absorbing materials protect the battery if dropped or subjected to sudden impact.
- Excellent fit with specified radios and compatible with Endura, Logic, and OEM chargers.
- Belt clip included with applicable models.

For Kenwood Radios



CLEKNB41MHIS
(Kenwood NX-210)



CLEKNB40LIIS
(Kenwood NX-420)



CLEKNBL2LIIS
(Kenwood NX-5400)

For Motorola Radios



CLE4069LIIS
(Motorola XPR6550)



CLE9857MHIS
(Motorola XTS2500)



CLE4007MHXTIS
(Motorola XTS5000)

For Harris Radios



CLE1912MHIS
(Harris P7100)



CLE234366LIIS
(Harris XG-75P)

Specifications

| Part Number | CLE4069LIIS* | CLE4007MHXTIS | CLE9857MHIS | CLE234066LIIS | CLE1912MHIS |
|--------------------------------|---|---|---|---|---|
| Radio Models (Partial Listing) | Motorola XPR6350 XPR6550 | Motorola XTS3000, XTS3500 XTS5000 | Motorola XTS1500, XTS2500, MT1500 | Harris XG25P, XG75P, P5300, P7300 | Harris P5100, P5200, P7100, P7200 |
| Replacement For | PMNN4069 | RNN4007 | NTN9857 | BT-023406-006 | BKB191210/36 |
| Cell Type | Li-Ion (Panasonic UR18650ZY) | NiMH (FDK HR-4/3AU) | NiMH (FDK HR-AU) | Li-Ion (Panasonic UR18650ZY) | NiMH (FDK HR-AU) |
| Capacity | 2200 mAh | 3500 mAh | 2500 mAh | 2500 mAh | 2500 mAh |
| Voltage | 7.4 V | 7.5 V | 7.5 V | 7.4 V | 7.5 V |
| Cycle Life | > 500 | > 400 | > 450 | > 450 | > 450 |
| Weight | 0.27 lbs / 123.0 g | 0.81 lbs / 376.4 g | 0.63 lbs / 285.8 g | 0.34 lbs / 154.2 g | 0.56 lbs / 254.0 g |
| Dimensions | 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 | N/A |
| Rating | IP64 | IP60 | IP60 | IP64 | IP60 |
| Certification | A | B | B | E | B |

| Part Number | CLEKNB40LIIS | CLEKNB41MHIS | CLEKNBL2LIIS |
|--------------------------------|---|---|---|
| Radio Models (Partial Listing) | Kenwood NX220, NX320, NX420 | Kenwood NX210, NX410, TK5210, TK5310 | Kenwood NX5200, NX5300, NX5400 |
| Replacement For | KNB-68LC | KNB-41NC | KNB-LS5 |
| Cell Type | Li-Ion (Panasonic NCA103450) | NiMH (FDK HR-4/5AU) | Li-Ion (Panasonic UF553450Z) |
| Capacity | 1900 mAh | 2500 mAh | 3400 mAh |
| Voltage | 7.4 V | 7.2 V | 7.4 V |
| Cycle Life | > 500 | > 450 | > 450 |
| Weight | 0.28 lbs / 127.0 g | 0.58 lbs. / 263.1 g | 0.42 lbs. / 190.5 g |
| Dimensions | 3.95" x 2.21" 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 1.11" 116.5 mm x 57.9 mm x 28.2 mm |
| Belt Clip | N/A | N/A | N/A |
| Rating | IP64 | IP64 | IP67 |
| Certification | A | C | D |



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) LE4069LIIS / LEKNB40LIIS - 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) LE4007MHXTIS, LE9857MHIS, LE1912MHIS - 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) LEKNB41MHIS - 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) LEKNBL2LIIS - 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) LE234066LIIS - 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).

*Not compatible with XPR6580 IS CSA.



©2018 Power Products Unlimited, LLC
 Power Products and Logic Energy are trademarks of
 Power Products Unlimited, LLC. All rights reserved.

Sandown Wireless
19 Phillipswood Road
Sandown, NH 03873

Your Battery Expert: Keith S. Clark
 Office: 603-425-9876
 E-Mail: keith@criticalbattery.com
 Web: www.criticalbattery.com