

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



LEKNB41MHIS
(Kenwood NX-210)



LEKNB40LIIS
(Kenwood TK-2360)



LEKNB51MHIS
(Kenwood TK-290)

For Motorola Radios



LE4069LIIS
(Motorola XPR6350)



LE4007MHXTIS
(Motorola XTS5000)



LE9857MHIS
(Motorola XTS2500)

For Harris Radios



LE1912MHIS
(Harris P7100)



LE234366LIIS
(Harris XG-25P)

Authorized Dealer:

Specifications

Part Number	LE4069LIIS	LE4007MHXTIS	LE9857MHIS	LE234066LIIS	LE1912MHIS
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 NCA 103450)	NiMH (FDK HR-4/3AU)	NiMH (FDK HR-AU)	Li-Ion (Panasonic UR18650ZY)	NiMH (FDK HR-AU)
Capacity	1950 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	5.10" x 2.17" x 0.87" 129.4 x 55.0 x 22.0 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	IP64	IP64	IP54	IP64
SGS Certification	A	A	A	B	A

Part Number	LEKNB40LIIS	LEKNB41MHIS	LEKNB51MHIS
Radio Models (Partial Listing)	Kenwood NX220, NX320, NX420	Kenwood NX210, NX410, TK2180, TK3180	Kenwood TK190, TK290, TK390, TK480
Replacement For	KNB-68LC	KNB-41NC	KNB-51NC
Cell Type	Li-Ion (Panasonic NCA103450)	NiMH (FDK HR-AU)	NiMH (FDK HR-4/5AU)
Capacity	1950 mAh	2500 mAh	2100 mAh
Voltage	7.4 V	7.5 V	7.5 V
Cycle Life	> 500	> 450	> 450
Weight	0.24 lbs / 108.9 g	0.58 lbs / 263.1 g	0.51 lbs / 231.3 g
Dimensions	3.94" x 2.20" x 0.63" 100.1 x 55.9 x 16.0 mm	4.64" x 2.25" x 0.92" 117.9 x 57.2 x 23.4 mm	4.33" x 2.28" x 0.82" 110.0 x 57.9 x 20.8 mm
Belt Clip	N/A	N/A	N/A
Rating	IP64	IP64	IP54
SGS Certification	C	A	B



- (A) Certified by SGS to TIA-4950 / CSA C22.2 No. 157 / UL 913 5th Edition standard for intrinsically safe use (Class I, II, III, Division 1, Groups C, D, E, F, G, T3C) and non-incendive use (Class I, Division 2, Groups A, B, C, D, T3C).
- (B) Certified by SGS to TIA-4950 / CSA C22.2 No. 157 / UL 913 5th Edition standard for intrinsically safe use (Class I, Division 1, Groups C, D, T3C) and non-incendive use (Class I, Division 2, Groups A, B, C, D, T3C).
- (C) Certified by SGS to TIA-4950 / CSA C22.2 No. 157 / UL 913 5th Edition standard for intrinsically safe use (Class I, Division 1, Groups C, D, T3) and non-incendive use (Class I, Division 2, Groups A, B, C, D, T3).

©2016 Power Products Unlimited, Inc.
Power Products and Logic Energy are trademarks of
Power Products Unlimited, Inc. All rights reserved.