

EXTREME BATTERIES

Long lasting, high capacity Li-Ion Batteries



Taking it to the EXTREME

Increased ultra-high capacity

hähnel
EXTREME LI-ION



Features & Benefits

- INCREASED ultra-high capacity
- EXTRA durability in extreme conditions
- Long lasting due to higher capacity
- High quality Li-ion cells ensure extended life cycle, performance & safety
- High energy density ratio
- Good voltage stability offering longer camera running time
- Capable of more than 500 charge/discharge cycles
- 3m drop proof
- Shock absorbing construction

hähnel

EXTREME LI-ION

For Canon

For Nikon



NEW HIGHER CAPACITY
Even Better

HLX-E6N
Part No: 1000 150.9
EAN: 5099113901507

HLX-E8
Part No: 1000 150.1
EAN: 5099113101501

HLX-EL14
Part No: 1000 150.6
EAN: 5099113601506

NEW HIGHER CAPACITY
Even Better

HLX-EL15HP
Part No: 1000 150.8
EAN: 5099113811509

**103
EXTRA
IMAGES**

**20 mins
EXTRA
VIDEO**

**132
EXTRA
IMAGES**

**31 mins
EXTRA
VIDEO**



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hähnel
quality accessories

EXTREME BATTERIES

Long lasting, high capacity Li-Ion Batteries



hähnel
EXTREME LI-ION

What makes hähnel Extreme Batteries unique?

Characteristics

TOUGH,

shock absorbing rubber – 3m drop proof

High quality Li-Ion cells



EXTREME PROTECTION,

silicone filling for added protection and electrical insulation



EXTREME power • EXTREME durability • EXTREME results

Performance*	LP-E6N (original)	HLX-E6N EXTREME	EN-EL15 (original)	HLX-EL15HP EXTREME
Shot Count*	1405	1508 103 Extra Images	1197	1329 132 Extra Images
Video Run*	125 min.	145 min. 20 mins Extra Video	135 min.	166 min. 31 mins Extra Video
Camera*	5DMkIII		D800	

* Internal Tests carried out by hähnel - June 2016



HLX-E6N

Fits Canon DSLRs

EOS 5D Mk I / Mk II / Mk III /
Mk IV
EOS 5D / 5D SR
EOS 60D / 60Da / EOS 6D
EOS 70D / EOS 7D
XC10

Part No: 1000 150.9
EAN: 5099113901507

HLX-E8

Fits Canon DSLRs

EOS 700D
EOS 650D/600D/550D
Kiss X7i
Rebel T2i/T3i/T4i/T5i

Part No: 1000 150.1
EAN: 5099113101501

HLX-EL14

Fits Nikon DSLRs

Coolpix P7000 / Bridge
Coolpix P7700 / P7800
D3100
D3200 / D3400
D5100 / D5200 / D5400
P700 (Bridge/SLT)

Part No: 1000 150.6
EAN: 5099113601506

HLX-EL15HP

Fits Nikon DSLRs

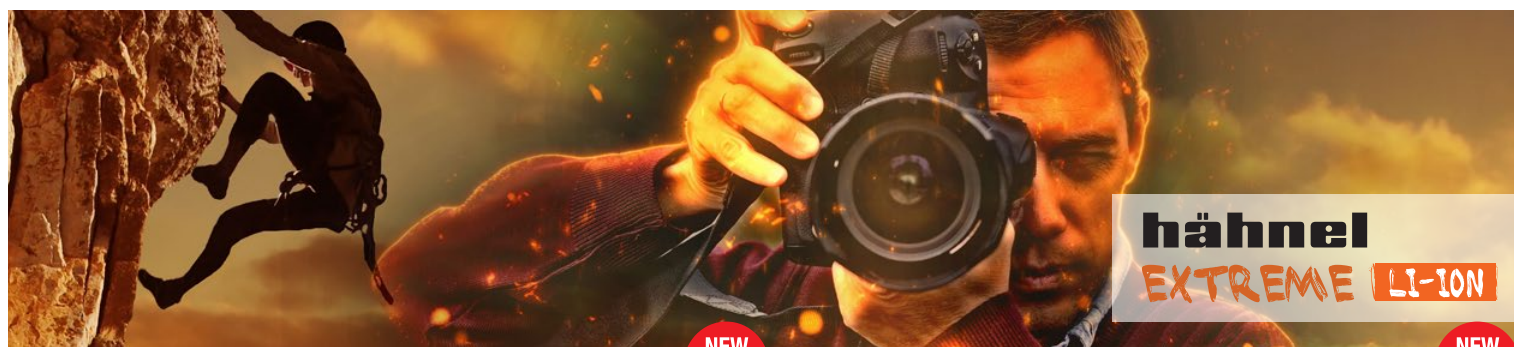
D500
D600
D7000
D7100 / D7200
D810
D800 / D800E
Nikon V1 (Bridge)

Part No: 1000 150.8
EAN: 5099113811509



EXTREME BATTERIES

Specifications



Parameter	HLX-E6N NEW HIGHER CAPACITY	HLX-E8	HLX-EL14	HLX-EL15HP NEW HIGHER CAPACITY
% More image than original Battery	7% more	17% more	33% more	11% more
% More Video than original Battery	16% more	36% more	28% more	23% more
Chemistry	Li-Ion	Li-Ion	Li-Ion	Li-Ion
Cell type	ICR18500NQ	ICP653443AR	ICP553446AR	ICR18500NQ
Rated capacity (mAh)	2000	1200	1100	2000
Minimum capacity (mAh)	1900	1100	1000	1900
Nominal voltage (V)	7.2	7.2	7.4	7.0
Energy (Wh)	14.4	8.6	8.1	14
Charge retention (28 days @ 25 degC)	>80%	>80%	>80%	>80%
Cycle life	500	500	500	500
Charge method	Constant current /Constant voltage	Constant current /Constant voltage	Constant current /Constant voltage	Constant current /Constant voltage
Charge voltage regulation (V)	8.40 +/- 0.05	8.40 +/- 0.05	8.40 +/- 0.05	8.40 +/- 0.05
Maximum charge current (mA)	2000	1100	1000	2000
Maximum discharge current (mA)	3200	1650	1500	3200
Charge temperature (degC)	0 ~ +40	0 ~ +40	0 ~ +40	0 ~ +40
Discharge temperature (1C rate) (degC)	-20 ~ +60	-20 ~ +60	-20 ~ +60	-20 ~ +60
Storage (3 months) temperature (degC)	-20 ~ +40	-20 ~ +40	-20 ~ +40	-20 ~ +40
Contact cover	Yes	Yes	No	yes
Over discharge voltage protection	Yes	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes	Yes
Over charge voltage protection	Yes	Yes	Yes	Yes
Over discharge current protection	Yes	Yes	Yes	Yes
Weight - battery only (g)	80	52	48	75
Dimensions (mm)	21 x 38.5 x 57	15 x 37 x 55	14 x 38 x 52.5	20 x 39 x 55.5
Battery Gravimetric energy density (Wh/kg)	180	165	169	187
Battery Volumetric energy density (Wh/l)	312	282	290	323
DSLR Used	EOS 5DMkIII	EOS 550D	D5200	D800

