

XTAR®

PRODUCTS CATALOGUE

Charger • Flashlight • Battery



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ABOUT XTAR

XTAR was founded in 2006 as an electronic company, specializing in the development and manufacture of high quality Li-ion batteries, smart chargers and LED flashlights. Advantaged by its experienced R&D department and self-contained factory, XTAR is now capable of providing OEM/ODM services to clients who have special requirements and offering “One-stop Charging Solution” to clients in need. It also has a long-term relationship with distributors, purchasers and manufacturers from various industries like e-cigarette, diving, outdoor tactical actions, law enforcement, medical and industrial equipment, etc. With high standards of quality control, XTAR products are granted with all major global certificates such as CE and RoHS. Meanwhile, its R&D department has acquired more than 200 patents. Since 2016, XTAR has been awarded honourable titles such as National Hi-tech Enterprise, High Credibility and Contract Performance Guangdong Province-based Enterprise, New Innovation Record for Shenzhen Enterprise, etc.

XTAR brand came into conception in 2006, and it is dedicated to research and production of high quality Li-ion batteries, chargers and flashlights. In 2007, Shenzhen Winner Bros Import & Export Co., Ltd was established in Shenzhen, China, and registered its trademark- XTAR. Two years later, Hong Kong XTAR Co., Ltd was established for the international market. With the rapid development, XTAR set up its factory in 2014. In the meantime, Shenzhen XTAR Electronics Co., Ltd and our US company XTAR technology LLC were founded. In 2016, as its 10th anniversary, XTAR upgraded new visual identity and adopted new slogan “Power in your hands”, which represents its determination to deliver to each user a safe, reliable and powerful product. Later into 2018, XTAR proposed the concept of “One-stop Charging Solution” and gradually expanded its scope of services after recent years of development, such as hand-held stabilizers, digital products, unmanned aerial vehicles, disinfection and odour eliminator, etc., so as to better provide products and services to clients in need.

In the new visual identity system (VIS), the straight line and angular typeface of XTAR four-letter logo embodies our strong desire to be the reliable power for customers, echoing XTAR new slogan “Power in your hands”. The characteristic XTAR blue symbolizes the image of stability, technology and wisdom. Two crossed lines of secondary graphics can be transformed and infinitely extended, representing the variety and flexibility of XTAR products and that it can be used for multiple occasions.

Brand enhancement of 10th anniversary reflects our persistence in making user-oriented products and providing reliable service, more than a visual identity renewal. It is also expected that this complete new visual identity makes you feel refreshing, and the brand concept of XTAR- focus, reliability and innovation- carries on.

XTAR has been always focusing on research and development of three main products- batteries, chargers and flashlights. It puts all the passion and love into this cause, and pays great attention to every detail because it is our belief that details make a difference.

XTAR provides reliable products and dependable services. User's safety and convenience is our first priority. Meanwhile, it undertakes social responsibility in environmental protection and improving the quality of people's life.

Innovation is the attitude to make things better by continuously improving details. XTAR strives for innovative products featuring high technical value-added, innovative service featuring seamless communication, innovative management featuring employee self-development.

Leading the revolution

MP1/WP2/WP6 2010.08  The first adopted real constant current and voltage charging method.	WP2II 2011.08  The first charger with 0V activation and UBS output function.	SP2 2012.03  The first charger with 2A charge current (0.5A/1.0A/2.0A).	VP1 2013.01  The first has LCD display and optional charge currents.	XP4 2013.08  The first 4-slot charger that can reach 1A charge current.
MC1 2013.12  USB powered and can apply to 10440-26650 batteries.	VP2 2014.01  The first charger that can fit all types of Li-ion batteries including 4.35V battery.	VP4 2014.08  The first 4-slot LCD charger with optional charging currents.	VC2 2014.10  The first USB charger with innovative LCD screen Li-ion/IMR batteries.	VC4 2015.01  The first and most impressive charger that can charge 32650 and C/D.
MASTERVC2 Plus 2015.08  It has countdown timer for each bay.	SIX-U U1 2016.01  The first multi-port USB charger up to 2.4A per port.	ROCKET SV2 2016.05  The first charger with 2A for each bay and compatible with 32650/D.	DRAGON VP4 Plus 2016.09  The first can precisely test battery resistance and charge battery pack.	QUEEN ANT MC6 2016.09  The first with two micro USB charging ports.
MC4 2017.04  The first 4-slot micro USB charger.	OVER 4 SLIM 2017.11  The first 2-slot fast-charging charger with charge current 4.1Ax2.	PB2 2018.04  The first hand-held portable battery charger that has power bank function.	MC3 2018.10  The first 3-slot Li-ion battery charger that applies Micro USB input.	VC4S 2019.03  The first comes with charging, grading and storing functions and applies QC3.0.
VC8 2019.11  The first 8-slot QC3.0 charger, with auto-match function and current manual selection function.	CH2 2020.05  The first innovative upright battery charger.	BC4 2020.05  The first charger for 1.5V Li-ion batteries, and AA/AAA Ni-MH batteries.	VN2 2020.11  The first Camera Battery Charger, suits for Canon LP-E6N, LP-E17, LP-E8 and Sony NP-FW50 etc.	SN4 2021.09  Multiple camera battery charger/Detachable, 4X faster with 45W power.
BC8 2022.02  The First 8-bay Intelligent Li-ion Battery Charger Compatible with AA/AAA Ni-MH Batteries.	GP2 2022.05  The first Action Camera Battery Charger Apply to HEROS /6 /7 /8 /9 /10.	LC8 2022.11  The first Born for XTAR AA / AAA 1.5V Rechargeable Li-ion Batteries with LED indicator.	NC8 2022.12  The first 1.2V Ni-MH rechargeable battery charger with Hollow Out design.	

Dealer Wanted
WHOLESALE/OEM/ODM : info@xtar.cc

SMART CHARGER



Recommended Products



BC8

Apply to
1.5V AA/AAA lithium batteries
1.2V AA/AAA Ni-MH batteries
Size: 153mm(L)x76.5mm(W)x27.6mm(H)
Net Weight: 118g
Input Power: 5V2A/QC3.0(9V2A)
Constant Current: 0.5A x 8
End-of Charge Voltage: 4.20±0.05V/1.45±0.1V
End-of Charge Current: ≤100mA



LC8

Apply to
XTAR AA/AAA 1.5V rechargeable Li-ion
batteries with LED indicator only.
Size: 153mm(L) x 76.5mm(W) x 27.6mm(H)
Net Weight: 100g
Power Input: 5V 3A
Output: Max. 5V Max. 0.5A x 8 (Max. 13.5W)



NC8

Apply to 1.2V Ni-MH rechargeable batteries.
Size: 153mm(L) x 76.5mm(W) x 27.6mm(H)
Net Weight: 102g
Power Input: 5V 2A
Output: 1.45V 0.5A x 8



BC4

Li-ion/IMR/INR/ICR batteries (1.5V) AA/AAA
and Ni-MH/Ni-CD batteries (1.2V) AA/AAA
Size: 80mm(L)x75mm(W)x27mm(H)
Net Weight: 55g
Power Input: DC 5V 2A
Constant Current* Slots: 0.5A x 4
End-of-charge Current: ≤100mA
USB Output: 5V 1A



LC4

Apply to
XTAR AA/AAA 1.5V rechargeable Li-ion
batteries with LED indicator only.
Size: 76mm(L) x 76.5mm(W) x 27.6mm(H)
Net Weight: 49g
Input Power: 5V 2A
Output: 4.9V 0.5A x 4 (0.5A Avg.)



VC8S

3.6V/3.7V Li-ion/IMR/INR/ICR
10440/14500/14650/16340/17500/17670/18350/
18490/18500/18650/18700/20700/21700/22650/
25500/26650
1.2V Ni-MH/Ni-CD
AAA/AA/AA/AA/SC/C
Note: Can charge protected 20700/21700 batteries.
Net Weight: 350g
Size: 194mm(L)x137mm(W)x34mm(H)
Input Power: PD3.0(15V3A)/QC3.0(5V2A/9V2A)
Constant Current* Slot: 3Ax2/2Ax4/1Ax8/0.5A x 8/
0.25A x 8
End-of Charge Voltage: 4.20±0.05V/1.45±0.1V



PB2S

3.6V/3.7V Li-ion/IMR/INR/ICR 18650/20700/
21700 rechargeable batteries
Net Weight: 85g
Input Power: QC3.0 & PD3.0 (5V2A / 9V2A / 12V1.5A)
Constant Current* Slot: 2Ax2/2Ax1/1Ax2
End-of Charge Current: ≤120mA
End-of Charge Voltage: 4.20±0.05V
USB output: QC3.0 & PD3.0 (5V2A / 9V2A / 12V1.5A)



FC2

3.6V/3.7V Li-ion/IMR/INR/ICR
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/18700/20700/21700/
22650/25500/26650 and 1.2V Ni-MH Ni-CD
AAA/AA/AA/AA/SC/C batteries.
Size: 110mm(L)x53mm(W)x30.5mm(H)
Net Weight: 62g
Input: DC 5V 2A
Constant Current: 4.2V 2A x 1/1A x 2/0.5A x 2 or
1.45V 2A x 1/1A x 2/0.5A x 2
End-of Charge Voltage: 4.2±0.04V/1.45±0.1V



DRAGON VP4 Plus

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18650/20700/21700/22650/25500/26650/32650
and Ni-MH/Ni-CD batteries(1.2V)
AAA/AA/AA/AA/SC/C/D and 1.1V/3S battery pack
Size: 158mm(L)x147mm(W)x40mm(H)
Net Weight: 345g
Input Power: DC 12V 3A
Constant Current*Slot: 0.5Ax4/1Ax4/2Ax2
End-of Charge Voltage: 4.20±0.05V/1.45±0.1V
USB Output: 5V 2.4A

MC Series



ANT MC1 Plus

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/20700/21700/22650/
25500/26650
Size: 92mm(L)x27mm(W)x26mm(H)
Net Weight: 27g
Input Power: DC 5V 1A
Constant Current*Slots: 0.5A×1/1A×1
End-of-charge Voltage: 4.20±0.05V



MC2 Plus

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/20700/21700
Size: 96mm(L)x47mm(W)x26mm(H)
Net Weight: 48g
Input Power: DC 5V 2.1A
Constant Current*Slots: 0.5A×2/1A×2
End-of-charge Voltage: 4.20±0.05V



MC3

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18650/20700/21700/22650/25000/26650
Size: 100mm(L)x87mm(W)x30mm(H)
Net Weight: 92g
Input Power: DC 5V 3A
Constant Current*Slots: 2A×1/1.5A×2/1A×3
End-of-charge Voltage: 4.20±0.05V



MC1

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/20700/21700/22650/
25500/26650
Size: 92mm(L)x22mm(W)x26mm(H)
Net Weight: 20g
Input Power: DC 5V 0.5A
Constant Current*Slots: 0.5A×1
End-of-charge Voltage: 4.20±0.05V



MC2

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/20700/21700/22650/
25500/26650
Size: 92mm(L)x41mm(W)x32mm(H)
Net Weight: 42g
Input Power: DC 5V 0.5A DC 5V 1A
Constant Current*Slots: 0.25A×2/0.5A×2
End-of-charge Voltage: 4.20±0.05V



MC4S

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/
17670/18350/18490/18500/18650/18700/
20700/21700/22650/25500/26650 and
Ni-MH/Ni-CD batteries (1.2V)AAA/AAA/AA/A/SC/C
Size: 100mm(L)x97mm(W)x26.5mm(H)
Input Power: DC 5V 1A;DC 5V 2.1A
Constant Current*Slots: 1A×2/0.5A×4
End-of-charge Voltage: 4.20±0.05V/1.45±0.1V

AC Power Series



MC6C

Apply to 3.6V/3.7V Li-ion/IMR/INR/ICR
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/18700/20700/21700/
22650/25500 26650 Flat-32650
1.2V Rechargeable Ni-MH AAA/AA/A/SC/C batteries
Size: 111mm(L) x 148mm(W) x 34mm(H)
Net Weight: 202g
Power Input: 5V 3A
Constant Current: 1A x 3/0.5A x 6
End-of Charge Voltage: 4.20±0.05V/1.45±0.1V



X2 (Extended Version)

Li-ion/IMR/INR/ICR batteries (3.6V/3.7V)
14500/14650/16340/17335/17500/17670/18350/18490/
18500/18650/18700/20700/21700/22650/25500/26650
and Ni-MH/Ni-CD batteries (1.2V) AAA/AAA/AA/A/SC/C
(also protected 20700/21700 batteries)
Size: 139mm(L)x75mm(W)x38mm(H)
Net Weight: 154g
Input Power: 100-240V~ 50/60Hz 0.4A; 5V 2.1A
Constant Current*Slots: 2A×1/1A×2/0.5A×2
End-of-charge Voltage: 4.20±0.05V/1.45±0.1V



X4 (Extended Version)

Li-ion/IMR/INR/ICR batteries (3.6V/3.7V)
14500/14650/16340/17335/17500/17670/18350/18490/
18500/18650/18700/20700/21700/22650/25500/26650
and Ni-MH/Ni-CD batteries (1.2V) AAA/AAA/AA/A/SC/C
(also protected 20700/21700 batteries)
Size: 143mm(L)x118mm(W)x38mm(H)
Net Weight: 242g
Power Input: 100-240V~ 50/60Hz 0.8A; 5V2.1A
Constant Current*Slots: 2A×2/1A×4/0.5A×4
End-of-charge Voltage: 4.20±0.05V/1.45±0.1V
USB Output: 5V 1A

Fast Charging Series



SC1

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
18650/18700/20700/21700/22650/25500/26650
Size: 105mm(L)x35mm(W)x39mm(H)
Net Weight: 37g
Input Power: DC 5V 2.1A
Constant Current*Slots: 2A×1
End-of-charge Voltage: 4.20±0.05V



SC2

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
18650/18700/20700/21700/22650/25500/26650
Size: 105mm(L)x53mm(W)x27mm(H)
Net Weight: 58g
Input Power: QC3.0(5V=3A 9V=2A 12V=1.5A)
Constant Current*Slots: 3A×1/2A×2
End-of-charge Voltage: 4.20±0.05V



SC1 Plus

Apply to 3.6/3.7V rechargeable 18650/21700/
26650/26800 Li-ion and 1.2V Ni-MH D batteries.
Note: Can charge protected 26800 batteries.
Size: 125mm(L)x34.5mm(W)x32mm(H)
Net Weight: 45g
Type-C Input: 5V 3A Max.
USB Output: 5V 2A
Constant Current: 4.2V 3A x 1 Max. 1.45V 2A x 1 Max.
End-of Charge Voltage: 4.20±0.05V / 1.45±0.1V

VC Series



VC2

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18650/20700/21700/22650/25500/26650
Size: 131mm(L)x66mm(W)x33mm(H)
Net Weight: 109g
Input Power: DC 5V 1A
Constant Current*Slots: 0.5A×2
End-of-charge Voltage: 4.20±0.05V



VC2SL

3.6V/3.7V Li-ion/IMR/INR/ICR
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/18700/20700/21700/
22650/25500/26650
1.2V Ni-MH/Ni-CD AAA/AAA/AA/A/SC/C
Note: Can charge protected 20700/21700 batteries.
Size: 136mm(L)x68mm(W)x33mm(H)
Net Weight: 115.5g
Type-C Input: 5V 2.1A
USB Output: DC 5V 1A
Constant Current: 4.2V 2Ax1/1Ax2/0.5Ax2
1.45V 2Ax1/1Ax2/0.5Ax2
End-of Charge Voltage: 4.20±0.05V/1.45±0.1V



VC8

Li-ion/IMR/INR/ICR batteries (3.6V/3.7V)
10440/14500/14650/16340/17500/17670/18350/
18490/18500/18650/18700/20700/21700/22650/
25500/26650 and
Ni-MH/Ni-CD batteries (1.2V) AAA/AAA/AA/A/SC/C
Size: 194mm(L)x137mm(W)x34mm(H)
Net Weight: 350g
Power Input: QC3.0(5V 2A/9V 2A)
Constant Current*Slots: 3Ax1/2Ax2/1Ax4/0.5Ax8
End-of-charge Voltage: 4.20±0.05V / 1.45±0.1V

PB Series



VC4SL

3.6V/3.7V Li-ion/IMR/INR/ICR
10440/14500/14650/16340/17335/17500/17670/
18350/18490/18500/18650/18700/20700/21700/
22650/25500/26650/Flat-32650
1.2V Ni-MH/Ni-CD
AAA/AAA/AA/A/SC/C
Note: Can charge protected 21700 batteries.
Size: 156mm(L)x115.5mm(W)x35mm(H)
Net Weight: 230g
Input Power: QC3.0 (9V 2A)
Constant Current: 3Ax1/2Ax2/1Ax4/0.5Ax4
End-of Charge Voltage: 4.20±0.05V/1.45±0.1V



VC4

Li-ion/IMR/INR/ICR batteries(3.6V/3.7V)
10440/14500/14650/16340/17335/17500/17670/
18350/18650/20700/21700/22650/25500/26650/
32650 and Ni-MH/Ni-CD batteries(1.2V)
AAA/AAA/AA/A/SC/C/D
Size:149mm(L)x115mm(W)x35mm(H)
Net Weight: 210g
Input Power: DC 5V 2.1A
Constant Current*Slots: 0.5Ax4 1Ax2
End-of-charge Voltage: 4.20±0.05V/1.45±0.1V



PB2C

Li-ion/IMR/INR/ICR protected/unprotected
18650 batteries (3.6V/3.7V)
Size: 110mm(L)x51mm(W)x24mm(H)
Input Power: DC 5V2.1A
Constant Current*Slot: 2Ax1/1Ax2
End-of Charge Voltage: 4.20±0.05V
USB Output: 5V 2.1A



CAMERA BATTERY CHARGER

Camera Battery Charger Series



VN2

Apply to
 NP-F550 F570 F750 F770 F970 / NP-FZ100 /
 NP-W235 / NP-W126 W126S / EN-EL15 /
 NP-FW50 / LP-E8 / LP-E17 / LP-E6 E6N /
 BP-SCL4 / DMW-BLK22

Power Input: 5V/2.1A
 Constant Current* Slots: 1A*1, 0.5A*2
 End-of-charge Voltage: 8.4±0.1V
 End-of-charge Current: ≤150mA
 Three-stage Charging: TC-CC-CV



SN4

Apply to
 NP-F550 F570 F750 F770 F970 / NP-FZ100 /
 NP-W235 / NP-W126 W126S / EN-EL15 /
 NP-FW50 / LP-E8 / LP-E17 / LP-E6 E6N /
 BP-SCL4 / DMW-BLK22

Size: 61.7mm(L)x52.7mm(W)x23.2mm(H)
 Net Weight: 45g
 Input Power: PD3.0 (15V3A) & QC3.0 (12V1.5A)
 Constant Current* Slot: 8.4V 3Ax1/2Ax2/2Ax1/1Ax4/0.5Ax4
 End-of Charge Voltage: 8.4±0.1V



GP2

Apply to Hero 5 / 6 / 7 / 8 / 9 / 10.

Size: 82.5mm(L)x50mm(W)x57mm(H)
 Net Weight: 205.5g
 Type-C Input: 5V 3A Max
 Output: 4.4V 1.5Ax2 / 1.5Ax1
 End-of-charge Current: ≤150mA
 End-of Charge Voltage: 4.4V
 Waterproof Rate: IP65

Docks for SN4/VN2



EN-EL15/EL15a
 EL15b/EL15b



BP-SCL4



DMW-BLK22



NP-W126/W126S



LP-E6/E6N



NP-FZ100



NP-W235



NP-F550/F570
 NP-F570/F770
 NP-F970



LP-E17



NP-FW50



LP-E8

LED FLASHLIGHT



Diving Series



DS1
 Length (mm) : 156
 Dia (mm) : H: 44 B: 29
 Net Weight: 117g
 Waterproof Ratings: 100m
 Switch Type: Magnetic slide switch
 LED: Cree XP-L2 LED
 Brightness (lm) : 1000lm-30lm
 Runtime (hrs) : 2.5hrs-49hrs
 Max Beam Intensity(cd): 20032
 Max Beam Distance(m): 282
 Battery: 21700x 1



D28 3600
 Length(mm): 191
 Dia(mm): H: 84 B: 50 tailcap: 57.5
 Net Weight: 396g
 Waterproof Ratings: 100m
 Switch Type: Magnetic press switch
 LED: XHP70.2 P4 7000k
 Brightness(lm): Turbo: 3600 High: 2000
 Mid: 500 Low: 200
 Runtime(hrs): Turbo: 2.5 High: 4
 Mid: 7.5 Low: 16
 Max Beam Intensity(cd): 75625
 Max Beam Distance(m): 550
 Battery: 18650x 4



D36 5800II
 Length(mm): 176.2
 Dia(mm): H: 62 B: 52
 Net Weight: 640g
 Waterproof Ratings: 100m
 Switch Type: dual press-type electronic switch
 LED: Flood: XHP70.2
 Spot: CSLPM1.TG
 Brightness(lm): Turbo: 5800
 Flood High: 4200 → Low: 1200 Strobe: 2100
 Spot High: 1600 → Low: 400 SOS: 750
 Runtime(hrs): Turbo: 2.13(128min)
 Flood High: 3.8 → Low: 11.3
 Spot High: 5 → Low: 15.3
 Max Beam Intensity(cd): 11640
 Max Beam Distance(m): 215
 Battery: 18650x 4



D26 2500 (long type)
 Length(mm): 236.6
 Dia(mm): H: 54 B: 36.5
 Net Weight: 445g
 Waterproof Ratings: 100m
 Switch Type: Magnetic press switch
 LED: Cree XHP50B-K2
 Brightness(lm): Turbo: 2500 High: 1400
 Mid: 700 Low: 30
 Runtime(hrs): Turbo: 2.2 High: 4.5
 Mid: 9 Low: 72
 Max Beam Intensity(cd): 25360
 Max Beam Distance(m): 320
 Battery: 18650x 2 / 26650x 2



D26 2500 (short type)
 Length(mm): 165.6
 Dia(mm): H: 54 B: 36.5
 Net Weight: 336g
 Waterproof Ratings: 100m
 Switch Type: Magnetic press switch
 LED: Cree XHP50B-K2
 Brightness(lm): Turbo: 2500 High: 1400
 Mid: 700 Low: 30
 Runtime(hrs): Turbo: 1.66 High: 2.5;
 Mid: 4.2 Low: 32
 Max Beam Intensity(cd): 25360
 Max Beam Distance(m): 320
 Battery: 18650x 1 / 26650x 1



D26 1600S
 Length(mm): 156.2
 Dia(mm): H: 46 B: 33
 Net Weight: 223g
 Waterproof Ratings: 100m
 Switch Type: Magnetic press switch
 LED: CSLPM1.TG
 Brightness(lm): Turbo: 1600 High: 650
 Mid: 200 Low: 60
 Runtime(hrs): Turbo: 2 High: 3.67
 Mid: 17 Low: 86
 Max Beam Intensity(cd): 72400
 Max Beam Distance(m): 538
 Battery: 18650x 1 / 26650x 1



WHALE-W D26W (Warm light)
 Length(mm) : 155
 Dia.(mm) : 46.0(H), 33.0(B)
 Net Weight: 248g
 Waterproof Ratings: 100m
 Switch Type: press-type magnetic switch
 LED: CREE XM-L2 U2
 Brightness(lm): turbo 1100; high 600; mid 200; low 60
 Runtime(hrs): turbo 2; high 3.6; mid 11; low 48
 Max Beam Intensity(cd) : 23100
 Max Beam Distance(m) : 300
 Battery: 18650/26650x1



WHALE D26 (Cool light)
 Length (mm) : 155
 Dia. (mm) : 46.0(H), 33.0(B)
 Net Weight: 248g
 Waterproof Ratings: 100m
 Switch Type: press-type magnetic switch
 LED: CREE XM-L2 U3
 Brightness(lm): turbo 1100; high 600; mid 200; low 60
 Runtime(hrs): turbo 2; high 3.6; mid 11; low 48
 Max Beam Intensity(cd) : 24025
 Max Beam Distance(m) : 310
 Battery: 18650/26650x1



D06 1600
 Length(mm) : 152
 Dia.(mm) : 45.0(H), 29.0(B)
 Net Weight: 185.5g
 Waterproof Ratings: 100m
 Switch Type: magnetic slide switch
 LED: Cree XHP35/O4
 Brightness(lm): low 3 → high 1600
 Runtime(hrs): low 75 → high 1.5
 Max Beam Intensity(cd): 45970
 Max Beam Distance(m): 430
 Battery: 18650x1/16340x2/CR123Ax2

Diving Series



D20 1000

Length(mm): 106
Dia.(mm) : 24.5(H), 22.0(B)
Net Weight: 52g
Waterproof Ratings: 50m
Switch Type: magnetic switch
LED: CREE XP-L V6
Brightness(lm): high 1000; mid 590; SOS 590
Runtime(hrs): high 4hrs; mid 7.33hrs
Max Beam Intensity(cd): 2700
Max Beam Distance(m): 103
Battery: 1x18650



D20B 1000

Length(mm): 106
Dia.(mm) : 24.5(H), 22.0(B)
Net Weight: 52g
Waterproof Ratings: 50m
Switch Type: rotary switch
LED: CREE XP-L V6
Brightness(lm): high 1000; mid 590; SOS 590
Runtime(hrs): high 4; mid 7.33
Max Beam Intensity(cd): 2700
Max Beam Distance(m): 103
Battery: 1x18650

Video Lights For Underwater Photography



D30 4000

Length(mm) : 149.8
Dia.(mm) : 57.2(H), 59(B)
Net Weight: 465g
Waterproof Ratings: 100m
Switch Type: press-type switch at head& tail switch
LED: CREE XHP70.2 LED; CREE XPE2 LED; TX3535P3 LED
Brightness(lm): high 4000; low 1000; red/blue 9W; UV 6W
Runtime(hrs): high 2.5; low 9.6; red/blue/UV 12
Max Beam Intensity(cd) : 25360
Max Beam Distance(m) : 320
Battery: 18650x4



D30 1600

Length(mm) : 146
Dia.(mm) : 46.0(H), 33.0(B)
Net Weight: 230g
Waterproof Ratings: 100m
Switch Type: magnetic press switch
LED: CREE XP-E2; CREE XHP35-HI D4
Brightness(lm): high 1600; low 400; red 260; blue 130; UV 6W
Runtime(hrs): high 2.0; low 6.6; red/blue/UV 3.3
Max Beam Distance(m): 40
Battery: 18650/18700/26650/16340*2/CR123A*2



MAGNEMITE H3R

Length(mm) : 106.4
Dia.(mm) : 26.7(H), 21.9(B)
Net Weight: 50g
Waterproof Ratings: IPX7
Switch Type: head clicky cap
LED: CREE-XP-LV6
Brightness(lm): turbo 1000; high 500; mid 240; low 60; moonlight 5; SOS 500
Runtime(hrs): (XTAR 3500mAh) turbo 2.5; high 3.5; mid 7.1; low 26; moonlight 18days
Max Beam Intensity(cd): 5630
Max Beam Distance(m): 150
Battery: 18650x1/16340x2/CR123Ax2



WARBOY H3 (Cool light)

Length(mm) : 105
Dia.(mm) : 30.0(H), 22.0(B)
Net Weight: 50g
Waterproof Ratings: IPX8
Switch Type: head clicky cap
LED: CREE XM-L2 U3
Brightness(lm): turbo 1000; high 400; mid 200; low 70; moonlight 1
Runtime(hrs): (XTAR 3100mAh) turbo 2.9; high 4.5; mid 7.1; low 28; moonlight 30days
Max Beam Intensity(cd): 6200
Max Beam Distance(m): 157
Battery: 18650x1



WARBOY-W H3W (Warm light)

Length(mm) : 105
Dia.(mm) : 30.0(H), 22.0(B)
Net Weight: 50g
Waterproof Ratings: IPX8
Switch Type: head clicky cap
LED: CREE XM-L2 U2
Brightness(lm): turbo 950; high 400; mid 200; low 70; moonlight 1
Runtime(hrs): (XTAR 3100mAh) turbo 2.9; high 4.5; mid 10; low 28; moonlight 30days
Max Beam Intensity(cd): 5000
Max Beam Distance(m): 145
Battery: 18650x1

EDC Series



T1

Length(mm): 57.6
Dia.(mm): H: 15.8
Net Weight: 18.5g
Waterproof Ratings: /
Switch Type: Push button Switch
LED: White light CREE XP-G3 S4
Brightness(lm): White light, Turbo: 500 High: 300 Mid: 150 Low: 50 moonlight: 2 colorful light, UV: 3 Red: 6 Green: 7 Blue: 5
Runtime(min): Turbo: 9 High: 19 Mid: 52 Low: 109 Moonlight: 243
Moonlight: 243
colorful light, UV: 29 Red: 43 Green: 52 Blue: 37
Max Beam Intensity(cd): 1612
Max Beam Distance(m): 69
Battery: Built-in lithium polymer battery (protected)



T1-UV

Length(mm): 57.6
Dia.(mm): H: 15.8
Net Weight: 18.5g
Waterproof Ratings: /
Switch Type: Push button Switch
LED: white light CREE XP-G3 S4
Brightness(lm): White light, Turbo: 500 High: 300 Mid: 150 Low: 50 moonlight: 2 UV: 0.5
Runtime(min): Turbo: 9 High: 19 Mid: 52 Low: 109 Moonlight: 243 UV: 28
Max Beam Intensity(cd): 1238
Max Beam Distance(m): 70
Battery: Built-in lithium polymer battery (protected)



T2

Length(mm): 75
Dia.(mm): H: 14.8
Net Weight: 29.5g
Waterproof Ratings: /
Switch Type: Electronic Switch
LED: white light CREE XP-G3 S4
Brightness(lm): lighting mode, High: 650 Mid: 130 Low: 50 moonlight mode, High: 6 Mid: 4 Low: 2 strobe: 650
Runtime(hrs): lighting mode, High: 0.43 (26min) Mid: 1.5 Low: 4.2 moonlight mode, High: 22.4 Mid: 30 Low: 45
Max Beam Intensity(cd): 1078
Max Beam Distance(m): 65
Battery: Built-in 1 x 10380



VENUS WK16

Length(mm) : 98
Dia.(mm) : 22.6(H), 20.1(B), 20.5(T)
Net Weight: 44.3g
Waterproof Ratings: IPX8
Switch Type: tail clicky cap
LED: CREE XP-G3 S4
Brightness(lm): (14500 battery) high 550; mid 200; low 10; strobe 550 (AA/AA ALKA battery) high 240; mid 120; low 10; strobe 240
Runtime(hrs): (XTAR 14500 800mAh) high 47min; mid 3.16; low 13.6
Max Beam Intensity(cd): 3900
Max Beam Distance(m): 125
Battery: 14500/AA/AA ALKA x 1



PACER WK18

Length(mm) : 121.5
Dia.(mm) : 25.8(H), 25.0(B), 25.0(T)
Net Weight: 73g
Waterproof Ratings: IPX8
Switch Type: tactical tail cap
LED: CREE XM-L2 U3
Brightness(lm): high 1000; mid 300; low 60; moonlight 1; signal 1000
Runtime(hrs): high 3.1; mid 4.5; low 28; moonlight 47days
Max Beam Intensity(cd): 5800
Max Beam Distance(m): 150
Battery: 18650x1 or 16340/CR123Ax2



RC2 200

Size(mm): 82.5(L) x 55(W) x 45(H)
Net Weight: 87.0g
Waterproof Ratings: IP66
Switch Type: Tact Switch
LED: TX-3535RGBW4FC120&TX-3535W3FC120
Brightness(lm): High: 200 low: 50 Red: 20 Green: 30 Blue: 10 SOS/Strobe: 70
Runtime(hrs): High: 5 Low: 20 Red/Green/Blue: 10
Battery: Built-in 1x 18650 2500mAh



UL1-120

Length(mm) : 46.6
Dia.(mm) : 23.0(H)
Net Weight: 15.2g
LED: TX-RGBW4FC120-02BH80
Brightness(lm): high 120; mid 60; strobe 120; red/blue 35; green 120; blink 25
Max Beam Intensity(cd): 260cd
Max Beam Distance(m): 47 (on land)
Power Supply: USB connection



XPK

Weight: 8g
Switch Type: PCB-controlled
Color of Light: white
Product Colors: 6 colors, optional
Brightness(lm): 5
Battery: button cell (included)

Sport Series



B20 1200

Length(mm): 146.3
Dia(mm): H: 34.5 B: 26.8
Net Weight: 122g
Waterproof Ratings: IPX8(underwater 1.5m)
Switch Type: Tactical tail cap
LED: Cree XP-L V6
Brightness(lm): Turbo: 1200 High: 600 Mid: 270
Low: 60 strobe: 361
Runtime(hrs): Turbo: 3.5 High: 5.6 Mid: 13.6 Low: 30
Max Beam Intensity(cd): 14400
Max Beam Distance(m): 240
Battery: 21700 (protected) x 1



R30 1200

Length (mm) : 158.2
Dia (mm) : H: 36 B: 28.4
Net Weight: 148g
Waterproof Ratings: IPX6
Switch Type: Silicone switch
LED: Cree Cree XP-L2 LED
Brightness (lm) : Turbo:1200 High: 650
Mid: 300 Low: 30
Strobe: 650 SOS: 650
Runtime (hrs) : Turbo:2.6 High:3.4 Mid: 9.1 Low: 30
Max Beam Intensity(cd): 12820
Max Beam Distance(m): 226
Battery: 21700x 1

Tactical Series



TZ28 1500

Length(mm) : 138.8
Dia.(mm) : 34.0(H), 25.4(B), 27.0(T)
Net Weight : 116g
Waterproof Ratings: IPX8
Switch Type: dual tail switch
LED: Cree XHP35 HI/D4
Brightness(lm): turbo 1500; high 400; mid 200;
low 60; strobe 1500
Runtime(hrs): turbo 1.5; high 3; mid 7.6; low 20
Max Beam Intensity(cd): 29200
Max Beam Distance(m): 340
Battery: 18650x1 CR123Ax2



HIGH-PERFORMANCE BATTERIES

For Flashlight



21700 5000mAh

Cell Inside: Samsung INR21700-50E
Positive Terminal: button top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 4.9A
Max Continuous Discharge Current: 10A
Energy: 18Wh
Size: dia: 21.5±0.3mm
length: 74.3±0.5mm



21700 4900mAh

Cell Inside: INR21700-50T
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 4.9A
Max Continuous Discharge Current: 10A
Energy: 17.64Wh
Size: dia: 21.4±0.3mm
Length: 74.8±0.5mm



26650 5200mAh

Cell Inside: domestic cell INR26650-500
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.75V
Max Charge Current: 5.2A
Max Continuous Discharge Current: 7.5A
Energy: 18.72Wh
Size: dia: 26.5±0.3mm
length: 68.2±0.5mm



14500 800mAh

Cell Inside: domestic cell 14500HE
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.7V
End-of-discharge Voltage: 3.0V
Max Charge Current: 1.5A
Max Continuous Discharge Current: 1.5A
Energy: 2.96Wh
Size: dia: 14.3±0.3mm
length: 50.5±0.5mm



18650 3600mAh

Cell Inside: NCR18650D
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 2.5A
Max Continuous Discharge Current: 10A
Energy: 12.96Wh
Size: dia: 18.4±0.3mm
Length: 68.8±0.5mm



18650 3500mAh

Cell Inside: SANYO NCR18650GA
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 1.675A
Max Continuous Discharge Current: 10A
Energy: 12.6Wh
Size: dia: 18.4±0.3mm
length: 68.8±0.5mm



18650 3300mAh

Cell Inside: NCR18650D
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 1.3A
Max Continuous Discharge Current: 10A
Energy: 11.88Wh
Size: dia: 18.4±0.3mm
Length: 68.8±0.5mm



18650 2600mAh

Cell Inside: domestic cell ICR18650-26F
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.7V
End-of-discharge Voltage: 2.75V
Max Charge Current: 2.6A
Max Continuous Discharge Current: 4.5A
Energy: 9.62Wh
Size: dia: 18.4±0.3mm
length: 68.8±0.5mm

For Flashlight



16340 650mAh

Cell Inside: domestic cell ICR16340HP
Positive Terminal: Button Top
Protected or not: yes
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.7V
End-of-discharge Voltage: 2.75V
Max Charge Current: 0.65A
Max Continuous Discharge Current: 0.95A
Energy: 2.4Wh
Size: dia: 16.4±0.3mm
length: 34.3±0.5mm



18650H 2600

Cell Inside: INR18650
Positive Terminal: Flat Top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 2.6A
Continuous Discharge Current: 20A
Energy: 9.36Wh
Size: dia: 18.5±0.2mm
Length: 65.2±0.3mm

For Home Appliances



XTAR Li-ion AA 1.5V 3300mAh

Positive Terminal: Button Top
Protected or not: yes
Nominal Voltage: 1.5V
Max Continuous Discharge Current: 2A
Energy: 3.3Wh
Size: dia: 14.5±0.3mm
Length: 50.0±0.5mm



XTAR Li-ion AAA 1.5V 1200mAh

Positive Terminal: Button Top
Protected or not: yes
Nominal Voltage: 1.5V
Max Continuous Discharge Current: 1.6A
Energy: 1.2Wh
Size: dia: 10.3±0.3mm
Length: 44.5±0.5mm



XTAR Ni-MH AA 1.2V 2200mAh

Cell Inside: XTAR AA 2200mAh
Positive Terminal: button top
Protected or not: no
Nominal Voltage: 1.2V
End-of-discharge Voltage: 1.0V
Max Charge Current: 1.1A
Max Continuous Discharge Current: 1.1A
Energy: 2.64Wh
Size: Dia: 14.5-0.7mm
length: 50.5-1.5mm



XTAR Ni-MH AAA 1.2V 900mAh

Cell Inside: XTAR AAA 900mAh
Positive Terminal: button top
Protected or not: no
Nominal Voltage: 1.2V
End-of-discharge Voltage: 1.0V
Max Charge Current: 0.45A
Max Continuous Discharge Current: 0.45A
Energy: 1.08Wh
Size: Dia: 10.5-0.7mm
length: 44.5-1.5mm



XTAR Li-ion AA 1.5V 2700mAh Battery With Indicator

Positive Terminal: Button Top
Protected or not: yes
Nominal Voltage: 1.5V
Energy: 2700mWh
Max Continuous Discharge Current: 4.5A
Size: dia: 14.3±0.3mm
Length: 50.3±0.5mm



XTAR Li-ion AAA 1.5V 1200mAh Battery With Indicator

Positive Terminal: Button Top
Protected or not: yes
Nominal Voltage: 1.5V
Energy: 1200mWh
Size: dia: 10.3±0.3mm
Length: 44.5±0.5mm

High-drain Batteries



NP-FW50

Type: Lithium Battery
Cell Inside: 1020mAh
Protected or not: no
Nominal Voltage: 7.4V
End-of-discharge Voltage: 7.2-8.4V
Energy: 7.4Wh
Size: 31.8*45*18.5mm
Apply to Alpha 7R II / 7 II / 7S II / 6500 / 6400 / 6300 / 6000



NP-FZ100

Type: Lithium Battery
Cell Inside: 2250mAh
Protected or not: no
Nominal Voltage: 7.2V
End-of-discharge Voltage: 7.2-8.4V
Energy: 16.2Wh
Size: 38.7*22.7*51.7mm
Apply to Alpha a9 / a7m3 / a7m3



EN-EL15C

Type: Lithium Battery
Cell Inside: 2250mAh
Protected or not: no
Nominal Voltage: 7.2V
End-of-discharge Voltage: 7.2-8.4V
Energy: 16.2Wh
Size: 40*20*55mm
Apply to Alpha D7000 / D800 / D800E / V1



LP-E6NH

Type: Lithium Battery
Cell Inside: 2040mAh
Protected or not: no
Nominal Voltage: 7.2V
End-of-discharge Voltage: 7.2-8.4V
Energy: 14.7Wh
Size: 59x40x22mm
Apply to Alpha EOS R5 / R6 / R / EOS 5D Mark IV / 5D Mark III / 5DS / 5DS R / 5D Mark II / 6D Mark II / 6D / 7D Mark II / 7D / 90D / 80D / 70D / 60D / 60Da

Camera Batteries

Raw Cell



US18650VTC4 2100mAh

Cell Inside: Sony
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 4A
Max Continuous Discharge Current: 30A
Energy: 7.56Wh
Size: dia: 18.2+0.15/-0.2mm
length: 65±0.2mm



US18650VTC5 2600mAh

Cell Inside: Sony
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.0V
Max Charge Current: 4A
Max Continuous Discharge Current: 30A
Energy: 9.36Wh
Size: dia: 18.2+0.15/-0.2mm
length: 65±0.2mm



US18650VTC5A 2600mAh

Cell Inside: Sony
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.0V
Max Charge Current: 6A
Max Continuous Discharge Current: 35A
Energy: 9.36Wh
Size: dia: 18.35+0.15/-0.2mm
length: 65±0.2mm



US18650VTC6 3000mAh

Cell Inside: Sony
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.0V
Max Charge Current: 5A
Max Continuous Discharge Current: 30A
Energy: 10.8Wh
Size: dia: 18.35+0.15/-0.2mm
length: 65±0.2mm



INR18650HG2 3000mAh

Cell Inside: LG
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.0V
Max Charge Current: 6A
Max Continuous Discharge Current: 20A
Energy: 10.8Wh
Size: dia: 18.3+0.2/-0.3mm
length: 65±0.2mm



INR18650-25R 18650 2500mAh

Cell Inside: Samsung
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 4A
Max Continuous Discharge Current: 20A
Energy: 9Wh
Size: dia: 18.33±0.07mm
length: 64.85±0.15mm



INR18650-30Q 3000mAh

Cell Inside: Samsung
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 4A
Max Continuous Discharge Current: 15A
Energy: 10.8Wh
Size: dia: 18.33±0.07mm
length: 64.85±0.15mm



18650HE4 2500mAh

Cell Inside: LG
Positive Terminal: flat top
Protected or not: no
End-of-charge Voltage: 4.2V
Nominal Voltage: 3.6V
End-of-discharge Voltage: 2.5V
Max Charge Current: 4A
Max Continuous Discharge Current: 20A
Energy: 9Wh
Size: dia: 18.3+0.2/-0.3mm;
length: 65±0.2mm