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Introduction

OrcaTorch was founded by a group of passionate flashlight enthusiasts and technology geeks in 2014. The founder Carson Weng, is an outdoor enthusiast who has more than 10 years experience in the manufacture of high-end flashlights. When he was diving in Tailand for the first time in 2013, he found that divers were using low-quality dive lights which lacked innovation and usually did not work at the critical moments. He decided to use his talent in the flashlight industry and created a high-quality and innovative dive light brand and named it as OrcaTorch.

Orca, is a kind of whale that is fearless in challenging everything, free and unconstrained to parade all over the sea as it pleases. They conquer all the difficulties with team spirit and wisdom. They are the overlords of the sea and the best symbol of underwater adventure spirit.

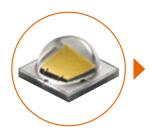
Named after and inheriting the excellent characteristics of the Orca, which combine with advanced technology, OrcaTorch has developed a series of dive lights and underwater video lights that feature high brightness, long runtime, long beam distance, significant waterproofness, high impact resistance, and convenient operation. OrcaTorch advocates the spirit of 'follow your heart and just do it'. We love to explore the wonders of the world, feel the excitement of challenge and enjoy the freedom of life together with all underwater adventurers.



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ORCATO

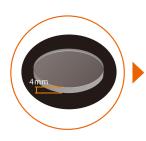
Product Advantages



CREE LED, Environment friendly, long lifetime and durable 50000 hours lifespan, 10 times as efficient as the ordinary LEDs



High-efficiency constant current circuit instead of PMW circuit Constant brightness without flicker.



Two sides coated toughened glass with high water pressure resistance.

Water pressure resistant construction ,depth rated to 150 meters.



Alloy aluminum reflector with professional optical analysis.

Manufacturing process

OrcaTorch lights use aircraft-grade aluminum AL-6061-T6 with light weight and high strength. All lights adopt premium Type III military hard-anodized finish which is better anti-abrasive than normal anodization and performs well in extreme environment. We also upgrade the finish of diving light to latest diamond grade seawater-corrosion-resistance hard anodized finish which is thicker and denser than normal Premium Type III military hard anodization, making the light surface as tough as diamond to protect the light from seawater corrosion.

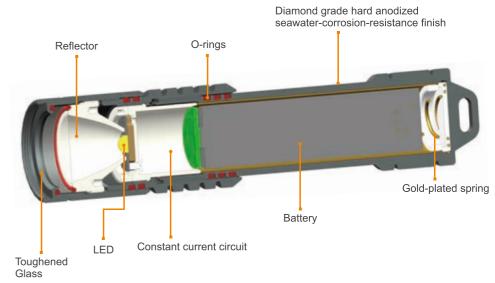
Testing standard

OrcaTorch's stated data has been measured according to the international flashlight test standards (ANSI/NEMA FL1) under laboratory conditions.

Warranty

We will replace products afflicted with manufacturing defects within 30 days of purchase and repair a light free of charge within 12 months of purchase if problems develop under normal use.

If you register your OrcaTorch products through our official website www.orcatorch.com, you will get extra 12 months and totally 2 years warranty.







Max 1000 lumens

Main Features:

- ◆ Focus Canister Dive Light
- ◆ 180° Head Rotating
- 10°-55° Beam Angle Adjustable





SD01 Mini glow tank

Main Features:

- Powered by 1*AAA battery
- Runtime 108 hours
- Size: 77.5mm(Length)*19mm(Diameter)
- Net Weight:23.5g
- Accessories: O-rings, lanyard, AAA battery incl.
- ◆ Available Colors:Blue, Red, Green, White, Orange
- Waterproof underwater 150m(500 feet)

















New Release Dive Lights



Max 1700 lumens



Main Features:

- ◆ Uses CREE LED, max 1700 lumens
- Uses 1*21700 5000mAh USB charging battery
- 6° beam angle
- Mechanically head rotary switch offers high reliability underwater
- ◆ Intelligent Over-Heat protection
- Water pressure resistant construction, depth rated to 150 meters



21700 USB Charging Battey











ANSI/NEMA FL1	Mode
איב Output 1700 lumens	
Runtime	
Waterproof	Underwater 150m
Dimension 142mm(Length)*27mm(Tube)*36mm(Head)	
Net Weight(Flashlight)	135g
Accessories	1*21700 battery, USB Cable, Lanyard, Spare O-rings, Brand rubber bands

Color Twperature 6500K

1800K	4000K	6500K	8000K	12000K	



Max 3000 lumens



Main Features:

- ◆ Uses CREE LED, max 3000 lumens
- ◆ Uses 1*21700 5000mAh USB charging battery
- 6° beam angle
- Easy operation with side titanium alloy button switch
- ◆ Safe lock function, prevents mis-operation
- ◆ Intelligent Over-Heat protection
- Water pressure resistant construction , depth rated to 150 meters



Side Titanium Alloy Button Switch



୬¹⁄₂ Output

(Runtime

Waterproof Dimension



ANSI/NEMA FL1

Net Weight(Flashlight) Accessories



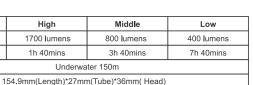




Turbo

3000 lumens

1min+1h 40mins



Color Twperature 6500K

1800K	4000K	6500K	8000K	12000K	16000K

High

1700 lumens

1h 40mins

1*21700 battery, USB Cable, Lanyard, Spare O-rings, Brand rubber bands

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Max 2200 lumens



Main Features:

- ◆ Uses CREE LED, max 2200 lumens
- ◆ Use 2* 26650 battery, compatible with 3* C battery
- ◆ 8° beam angle
- Mechanically head rotary switch offers high reliability underwater
- ◆ Intelligent Over-Heat protection
- Water pressure resistant construction , depth rated to 150 meters



3* C Battery

2* 26650 Battery













ANSI/NEMA FL1	3*C Battery	2*26650 Battery	
シゲ Output	900 lumens	2200 lumens	
(Runtime	5h 30mins	3h 10mins	
Waterproof	Underwater 150m		
Dimension	197mm(Length)*34mm(Tube)*51mm(Head)		
Net Weight(Flashlight)	274g		
Accessories	2* 26650 battery, Lanyard, Spare O-rings, Brand rubber bands		

Color Twperature 6500K

1800K	4000K	6500K	8000K	12000K	



D580

Max 530 lumens



Main Features:

- ◆ Uses CREE LED, max 530 lumens
- ◆ Uses 3*AAA battery, compatible with 1*18650 battery
- 6° beam angle
- Mechanically head rotary switch offers high reliability underwater
- Intelligent Over-Heat protection
- Water pressure resistant construction , depth rated to 150 meters



Mechanically Head Rotary Switch











ANSI/NEMA FL1	3*AAA Battery	18650Li-ion battery	
್ರ'್ಜ Output	480 lumens	530 lumens	
C Runtime	2h 50mins	3h 30mins	
Waterproof	Underwater 150m		
Dimension	128.5mm(Length)*27mm(Tube)*35.5mm(Head)		
Net Weight(Flashlight)	125g		
Accessories	3*AAA battery, Battery shield, Lanyard	d, Spare O-rings, Brand rubber bands	

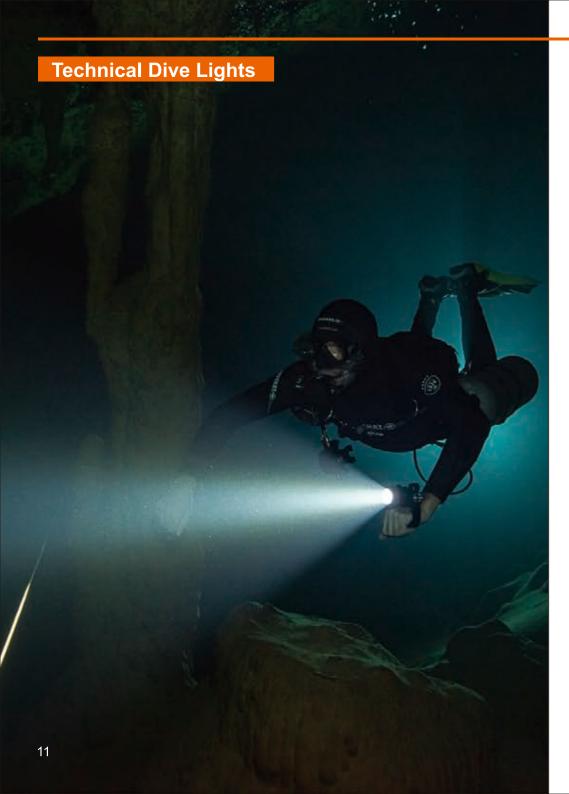
Color Twperature 6500K

1800K	4000K	6500K	8000K	12000K	16000K

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Main Features:

- ◆ 5* CREE LEDs. max 4000 lumens
- ◆ 90°~180° angle adjustable cable
- Suitable for both back mount and side mount diving
- 7° super focus beam
- LED indicator offers an instant update of battery status
- 89Wh rechargeable large capacity battery pack
- 5 hours long runtime at brightest mode
- Battery can be used as a power bank
- Battery charging indicator displays the charging status

DC charging port

Battery level display button

Rechargeable battery pack, Goodman handle, Spare O-rings, Charger

USB port

Battery level indicator











ANSI/NEMA FL1	High	Middle	Low	
್ರ್ Output	4000 Lumens	1500 Lumens	460 Lumens	
Nuntime	5h	7h 26min	23h 50min	
Beam Distance	514m (On land)			
Intensity	66080 cd			
Charging time	4h			
Dimension	Canister: 209mm(Length) x 59mm(Diameter) Torch: 96mm(Length) x 60mm(Diameter)			
Net weight	1.37Kg(Including battery pack)			
Weight in water		0.6Kg (Including battery pack)	1	

Color Teperature 6000K

Accessories

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90°Rotary Lockable Switch

D620V

Main Features:

- Cree LED, 2700 lumens output
- Uses four 18650 Li-ion batteries
- 90° rotary lockable switch offers easy and reliable operation
- Easy-pack adjustable rotary goodman handle



















D620

OrcaTorch D620V is specially designed for underwater photography, 120 degrees super wide beam angle with no hot spot.

ANSI/NEMA FL1	High	Middle	Low	
್ರೌ Output	2700 Lumens	800 Lumens	150 Lumens	
C Runtime	2h30min	8h50min	37h	
Beam Distance	260m (On land)			
Intensity	16870 cd			
Dimension	Light head: 83mm(Length) x 50mm(Diameter) Canister:113mm(Length)x54mm(Diameter)			
Net weight	681g(excluding battery)			
Accessories	Four 1865	0 batteries, charger, handle, S	pare O-rings	

Color Teperature 6000K

1800K	4000K	6500K	8000K	12000K	16000K

D860

Max 4200 lumens





Three high power CREE **LED Max 4200 lumens**

Main Features:

- 3* CREE high power LED, max 4200 lumens
- Direct charging system with a short charging time of 3.5 hours
- Replaceable INR battery pack
- ◆ Titanium alloy tail button switch, easy operation
- Safe lock function avoids misoperation
- Specially designed handle, easy to carry and assemble
- Battery indicator















DC charging port

ANSI/NEMA FL1	High	Middle	Low		
్త్ Output	4200 Lumens	1500 Lumens	500 Lumens		
(Runtime	1h	4h30min	14h		
■ Beam Distance		310m (On land)			
Intensity	24000 cd				
Charging time	3.5 hours				
Dimension	189mm(Length) x 51mm(Diameter) x 64mm(Head)				
Net weight	773g				
Weight in water	345g				
Accessories	Battery pa	ck, home charger, lanyard, Sp	are O-rings		

Color Teperature 6000K

1800K	4000K	6500K	8000K	12000K	16000K







Main Features:

- 5*CREE high power LED, max 2500 lumens
- ◆ Uses 2*26650 li-ion rechargeable batteries
- Super focus optical design provides 6 degrees beam angle
- Titanium alloy side button switch, anticorrosion and stable
- Safe lock function, prevents accidental operation
- · Battery indicator















Goodman handle (Optional accessory)

ANSI/NEMA FL1	High	Middle	Low	
ું Output	2500 Lumens	1050 Lumens	300 Lumens	
Nuntime	3h30min	5h	13h30min	
■ Beam Distance	464m (On land)			
Intensity	53900 cd			
Dimension	228mm(Length) x34mm(Diameter) x60mm(Head)			
Net weight	453g(excluding battery)			
Weight in water	355g(excluding battery)			
Accessories	2*26650 b	atteries, charger, lanyard, Spa	re O-rings	

Color Teperature 6000K

1800K	4000K	6500K	8000K	12000K	16000K

D800 Max 2100 lumens



Main Features:

- 3*Cree LED, 2100 lumens output
- Uses 2*26650 batteries
- Mechanical tail rotary switch offers high reliability underwater
- Aircraft-grade high strength aluminum material
- ◆ Over-discharge protection function















3*Cree LED, 2100 lumens output

ANSI/NEMA FL1	Mode		
್ರೌಟ್ Output	2100 Lumens		
Nuntime	3h20min		
■ Beam Distance	336m (On land)		
Intensity	28270cd		
Dimension	222mm(Length) x 34mm(Diameter) x 66mm(Head)		
Net weight	462g (excluding battery)		
Accessories	2*26650 batteries, charger, Spare O-rings, lanyard		

Color Teperature 6000K

1800K	4000K	6500K	8000K	12000K	16000K





U/W Photo/Video Dive Lights

Max 1200 lumens



Snoot (Optional accessory)

ZJ18 (Optional accessory)



Main Features:

- ◆ CREE LED, max 1200 lumens
- ◆ Uses 1*18650 Li-ion rechargeable battery
- ◆ 140° super wide beam angle
- Easy operation with side titanium alloy button switch
- Battery indicator











ANSI/NEMA FL1	High	Low	
್ರೌಕ್ಟ Output	1200 Lumens	290 Lumens	
Nuntime	1h24min	4h36min	
Dimension	142mm(Length) x 25.5mm(Diameter) x 35.5mm(Head)		
Net weight	145g(excluding battery)		
Accessories	One USB rechargeable 18650 Li-ion battery, USB cable, lanyard, Spare O-rings		

Color Teperature 6000K

1800K	4000K	6500K	8000K	12000K	16000K



Max 10500 lumens



Main Features:

- ◆ CREE COB LED, Max 10500 lumen output
- ◆ Spherical toughened glass optical lens design, 120° wide angle beam
- ◆ Color temperature 5700K, CRI Ra92
- ◆ Built-in replaceable large capacity battery pack
- ◆ Tail switch controls 4 brightness modes
- ◆ Tail LED indicator instantly displays the battery's remaining charge

















Max 10500 lumen output

ANSI/NEMA FL1	Turbo	High	Middle	Low
್ರ್ Output	10500 Lumens	6200 Lumens	3000 Lumens	1100 Lumens
S Runtime	1h12min	1h54min	3h50min	10h
Charging time	3h10min			
Dimension	255mm(Length) x 53mm(Diameter) x 72mm(Head)			
Net weight	1059g (excluding battery)			
Weight in water	495g (Including battery)			
Accessories	Battery pa	ck, home charger, ball jo	int, OrcaTorch rubber rir	ng, Spare O-rings

Color Teperature 5700K

1800K	4000K	6500K	8000K	12000K	16000K

Max 5000 lumens



Main Features:

- ◆ CREE COB LED, Max 5000 lumens
- ◆ 120° wide angle beam
- Color temperature 5700K, CRI Ra92
- ◆ Magnetic fast charging system with a short charging time of 2.5h
- Standard included battery pack
- ◆ Titanium alloy switch controls 3 lighting modes













Magnetic fast-charging system

ANSI/NEMA FL1	High	Middle	Low	
ુખ Output	5000 Lumens	2000 Lumens	500 Lumens	
Nuntime	50min	2h10min	8h50min	
Charging time	2.5 hours			
Dimension	129. 5mm(Length) x 45mm(Diameter) x 53mm(Head)			
Net weight	430g			
Weight in water	215g			
Accessories	home charger, ball joint, OrcaTorch rubber ring, Spare O-rings			

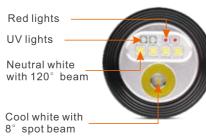
Color Teperature 5700K

1800K	4000K	6500K	8000K	12000K	16000k

D900V

Max 2200 lumens





Main Features:

- Max 2200 Lumens
- Red, UV, Neutral white with 120° flood beam
- ◆ Cool white with 8° spot beam
- Magnetic fast charging system with a short charging time of 2.5h
- Standard included a battery pack
- Dual titanium alloy switch controls different lighting sources independently



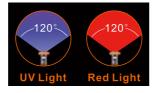














ANSI/NEMA FL1	Neutral White	(flood beam)	Cool White (spot beam)		Red	UV
ANSI/NEWA FLI	High	Low	High	Low	Reu	0 0
ېنږ Output	2200 Lumens	600 Lumens	820 Lumens	250 Lumens	250 Lumens	-
Nuntime	2h45min	4h20min	4h	18h	7h	5h
■ Beam Distance	230m (On land)					
Intensity	13640 cd					
Charging time	2.5 hours					
Dimension	129.5mm(Length) x 45mm(Diameter) x53mm(Head)					
Net weight	430g					
Weight in water	215g					
Accessories	l l	nome charger, b	all joint, OrcaT	orch rubber ring	g, Spare O-rings	;

Color Teperature 5000K

1800K	4000K	6500K	8000K	12000K	16000K





Max 1000 lumens



Main Features:

- ◆ Cree LED, max 1000 lumens output
- ◆ Uses 1*18650/2*CR123A/2*16340 battery
- ◆ Mechanical head rotary switch offers high reliability underwater















ANSI/NEMA FL1	Mode	
୬% Output	1000 lumens	
S Runtime	2h	
Beam Distance 250m (On land)		
Intensity	14300cd	
Dimension	134.5mm(Length) x 24mm(Diameter) x 30mm(Head)	
Net weight	113.5g (excluding battery)	
Accessories	18650 battery, charger, Spare O-rings, lanyard	

Color Teperature 5000K

1800K	4000K	6500K	8000K	12000K	16000K

Max 1300 lumens



Main Features:

- CREE LED, max 1300 lumens
- ◆ Uses 1*18650 Li-ion rechargeable battery
- 8° super focus beam angle
- Easy operation with side titanium alloy button switch
- Battery indicator













Powered by One 18650 **USB Battery**

ANSI/NEMA FL1	High	Low		
್ರೌಳ Output	1300 Lumens	380 Lumens		
S Runtime	1h25min	4h30min		
■ Beam Distance	291(on land)			
Intensity	21164 cd			
Dimension	142mm(Length) x 25.5mm(Diameter) x 35.5mm(Head)			
Net weight	136g (Excluding Battery)		136g (Excluding Battery)	
Accessories	One USB Rechargeable 18650 Li-ion batter	y, Micro USB Cable, Lanyard, Spare O-rings		

Color Teperature 6000K

1800K	4000K	6500K	8000K	12000K	16000k

D550

Max 1000 lumens



Main Features:

- ◆ Cree LED, 1000 lumens output
- Uses one 18650 battery
- Magnetic controlled tail switch offers high waterproofness and easy operation underwater
- Standard included wrist strap fastens the flashlight to the back of your hand















ANSI/NEMA FL1	High	Low	Strobe	
్తాడ్ Output	1000 Lumens	367 Lumens	1000 Lumens	
(Runtime	2h5min	5h45min	/	
■ Beam Distance	253m (On land)			
Intensity	16000cd			
Dimension	146mm(Length) x 25.4mm(Diameter) x 40mm(Head)			
Net weight	183g (excluding battery)			
Accessories	18650 batter	y, charger, Wrist strap, Spare C	-rings, lanyard	

Color Twperature 6000K

1800K	4000K	6500K	8000K	12000K	16000K

ORC TORCH

D560-GL



Main Features:

- Green Laser with 520nM wavelength
- Uses a single AA battery or a 14500 Li-ion battery
- Mechanical head rotary switch offers highreliability underwater











Laser Only

Battery Model		AA battery	14500 battery		
		5h20min	5h		
		10h24min	17h30min		
Beam Dista	nce	>1000m(On land)			
Dimension		92mm(Length) x 20mm(Diameter) x 24mm(Head)			
Net weight		50g (excluding battery)		50g (excluding battery)	
Accessorie	s	2*AA batteries, Lanyard, Spare O-rings,			

ORCATORCH also provides option of Red Laser D560-RL.



Max 630 lumens





Main Features:

- Mini dive light with only 9 cm long, 47.5g
- ◆ Cree LED, 630 lumens output
- ◆ Uses a single AA battery or a 14500 Li-ion battery
- ◆ Mechanical head rotary switch offers high reliability underwater















ANSI/NEMA FL1	AA battery	14500 battery	
୬½ Output	180 Lumens	630 Lumens	
S Runtime	1h25min	1h	
■ Beam Distance	73m (On land)	119m (On land)	
Intensity	1320cd	3520cd	
Dimension	92mm(Length) x 20mm(Diameter) x 24mm(Head)		
Net weight	47.5g (excluding battery)		
Accessories	Spare O-rir	ngs, lanyard	

Color Twperature 6000K

1800K	4000K	6500K	8000K	12000K	16000K



D570-GL

Max 1000 lumens



Multiple **Applications**



On Land

Main Features:

- ◆ Two light sources :8°white beam + green laser light
- Easy operation with side button switch
- Battery indicator
- Intelligent Over-Heat protection













Rescue Signal Instructor Guide



Underwater Lighting Attracting Sea Animals

ANSI/NEMA FL1	White	laser	
್ರೌಳ Output	1000 Lumens	-	
Nuntime	1h51min	13h36min(D570-GL) 80h(D570-RL)	
■ Beam Distance	281(on land)	>1000m(on land)	
Intensity	19800 cd	-	
Dimension	134mm(Length) x 26mm(Diameter) x 40mm(Head)		
Net weight	176g(excluding battery)		
Accessories	One 18650 Li-ion battery, ch	arger, lanyard, Spare O-rings	

ORCATORCH also provides option of Red Laser D570-RL.

Color Teperature 5000K

1800K	4000K	6500K	8000K	12000K	16000K

Accessories



SH01,SH02,SH03 Snap Hook



21700 USB ChargingBattery



18650 USB Battery 3400 mAh



M03 Ball Joint



WS01



H620 Goodman Handle



ZJ13 Ball Joint Clamp



H01 Tray with Handles



HM01 Helmet Mount



ZJ18 Ball Joint Bracket



P11 Scuba Diving Pointer



Waterproof Dry Bag (5L)

																								70
D580	D700	D710	D511	D640	D950V	D910V	D900V	D860	D850	D820V	D800	D630	D620	D611	D570-RL	D570-GL	D560-RL	D560-GL	D560	D550	D530V	D530	D520	Model
530Lumens	1700Lumens	3000Lumens	2200 Lumens	1000 Lumens	10500 Lumens	5000 Lumens	2200 Lumens	4200 Lumens	2500 Lumens	1600 Lumens	2100 Lumens	4000 Lumens	2700 Lumens	2400 Lumens	1000 Lumens	1000 Lumens	ı	ı	630 Lumens	1000 Lumens	1200 Lumens	1300 Lumens	1000 Lumens	Max Output
3h30mins	1h50mins	7h42mins	3h10mins	3h30mins	10h	8h50min	18h	14h	13h30min	6h40min	3h20min	23h50min	37h	22h	80h	11h36min	17h30min	5h	1h25min	5h45min	4h36min	4h30min	2h	Max Runtime
_	_	4	_	2	4	ω	6	ω	ω	4	_	ω	ω	ω	2	2	_	_	_	ω	2	2	_	Modes
150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	150m	Waterproof
128.5*27*35.5(mm)	142*27*36(mm)	154.9*27*36(mm)	197*34m*51(mm)	Light Head:115.8x 53.5(mm) Canister: 210x 55(mm)	255x53x72(mm)	129.5X45X53(mm)	129.5X45X53(mm)	189X51X64(mm)	228X34X60(mm)	153X30X45(mm)	222X34X66(mm)	Light Head: 96mm x 60mm Canister: 209mm x 59mm	light head: 83X50(mm) canister: 113X54(mm)	light head: 82X50(mm) canister: 194X40(mm)	134X26X40(mm)	134X26X40(mm)	92mX20X24(mm)	92mX20X24(mm)	92X20X24(mm)	146mX25.4X40(mm)	142x 25.5x 35.5(mm)	142x 25.5x 35.5(mm)	134.5X24X30(mm)	Dimension
125g	135g	152g	274g	1.36kg	1059g	430g	430g	773g	453g	250g	462g	1370g	681g	580g	176g	176g	50g	50g	47.5g	183g	145g	136g	113.5g	Net weight
1*18650/3*AAA	1*21700	1*21700	2*26650/3*C	Battery pack	Battery pack	Battery pack	Battery pack	Battery pack	2*26650	1*rechargeable battery	2*26650	Battery pack	4*18650	2*26650	1*18650	1*18650	1*AA/1*14500	1*AA/1*14500	1*AA/1*14500	1*18650	1*18650	1*18650	1*18650 / 2*CR123A / 2*16340	t Battery
D580	D700	D710	D511	D640	D950V	D910V	D900V	D860	D850	D820V	D800	D630	D620	D611	D570-RL	D570-GL	D560-RL	D560-GL	D560	D550	D530V	D530	D520	Model