

Olight / Magicshine RN 3500 Bicycle Headlamp

RN 3500



- Max 3,500 lumens output powered by portable 7.2V 5200mAh battery pack
- Adaptable mode settings for all-around outdoor night activities
- Good assistant for biking, skiing, camping, and more
- CNC machined aluminum body suitable for various weather conditions

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GENERAL DATA

Beam Distance (ft)	1148
Beam Distance (m)	350
Max. Performance (lumens)	3500
Charge type	Micro-USB Charging
Compatible Batteries	7.2V 5200mAh Li-ion Battery Pack (Included)
Lens / Reflector Type	High-Efficiency Optical Lens
Mode Operation	Large Switch Button
Form/Size Factor	Small Size
Series	Bike Light Series

TECHNICAL CHARACTERISTICS

Waterproof	IPX5
Weight (g / oz)	110 / 3.88 (NOT Including Battery) 316 / 11.15 (Including Battery)
Length (mm / in)	60.0 / 2.36
Width (mm / in)	43.5 / 1.71
Height (mm / in)	41.5 / 1.63
Light Source	Luminus SST-20 x 5
Packaging	Carton Box
Use	Downhill, MTB Riding, Trail Crossing, Enduro, Backcountry
Package Contents	<ul style="list-style-type: none">• RN 3500 ×1• MJ-6116 Battery Pack x 1• Handlebar Mount ×1• Silicone Strap x 5• Micro USB Cable x 1• 3mm Hex Wrench x 1• User Manual ×1

NOTE: Available for 25.4mm, 28mm, 31.8mm, 35mm, and aero sharp handlebars

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LIGHTING LEVELS



Product Specification

MODE	BRIGHTNESS	ECO	LOW	MID	HIGH	FLASH
	LUMENS	100	300	700	1,400	/
	h:min	75:00	20:00	08:00	04:30	15:30
	LUMENS	200	600	1,000	1,800	/
	h:min	19:48	08:30	04:30	02:30	09:30
	LUMENS	350	900	1,800	3,500	0-1,800
	h:min	17:00	06:30	03:12	01:42	06:30



FL1 STANDARD

- LIGHT OUTPUT**: 3500 LUMENS
- BEAM DISTANCE**: 350M
- DROP TEST**: 1m
- WATER RESISTANT**



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MAX OUTPUT
3,500 LUMENS



MAX RUNTIME
75 HOURS



MAX THROW
350 METERS



BEAM INTENSITY
31,000 cd



WATER RESISTANT
IPX 5



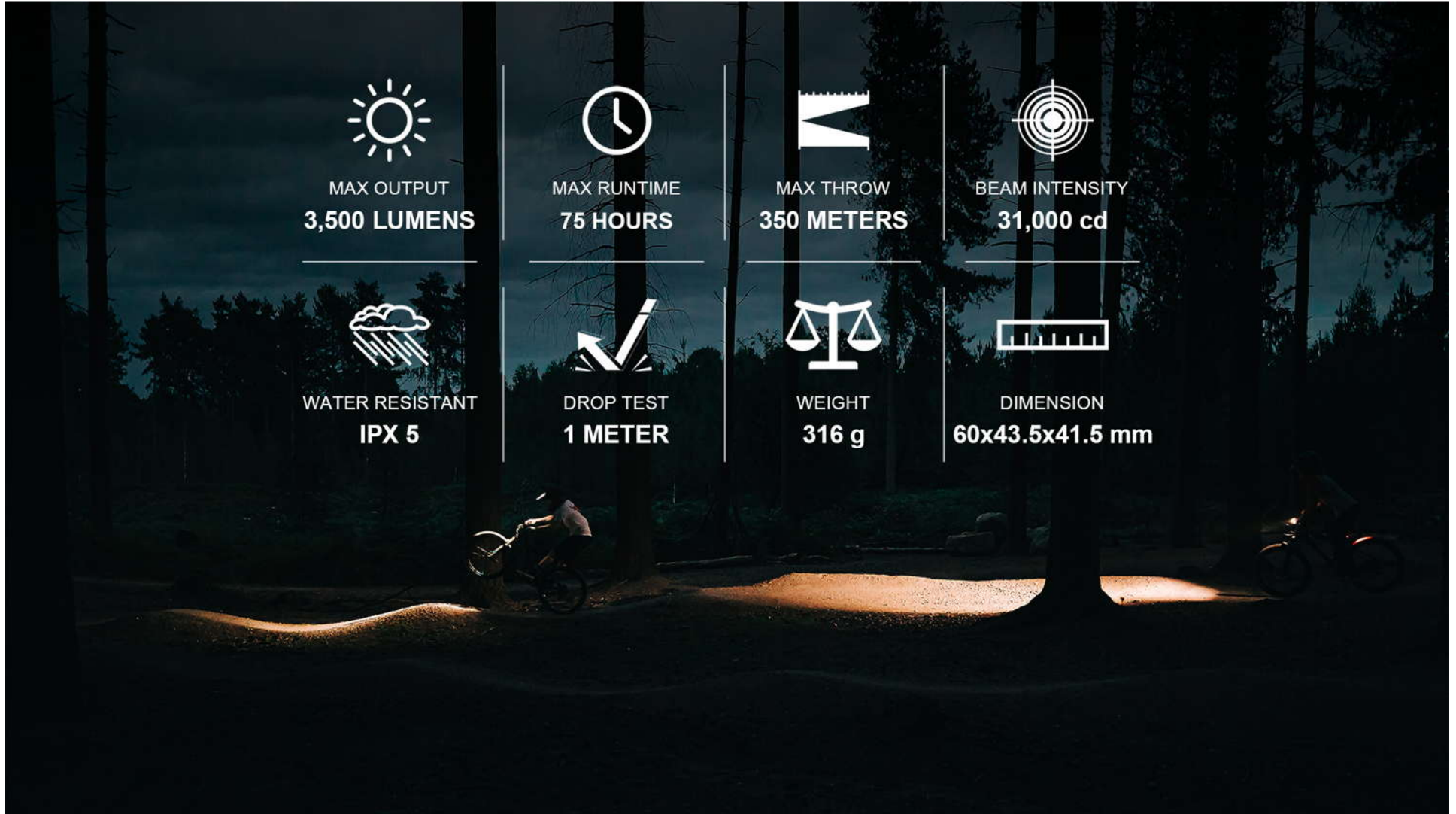
DROP TEST
1 METER



WEIGHT
316 g



DIMENSION
60x43.5x41.5 mm



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✔ Powerful, Versatile, Reliable

RN 3500 provides a maximum of 3,500 lumens in a compact body that weighs only 110g. The hard-anodized aluminum body passed the high water pressure and temperature (-20°C~40°C) tests. Versatile and secure mounting methods. Mount on a helmet or bike to satisfy all your illumination needs.



RN 3500

POWERFUL, VERSATILE, RELIABLE

3,500 LM | 350 M | IPX 5 | -20°C/40°C

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✔ One Lamp for All Your Adventures

This lamp will light up your whole adventure, and allow you to enjoy the night riding with full passion.



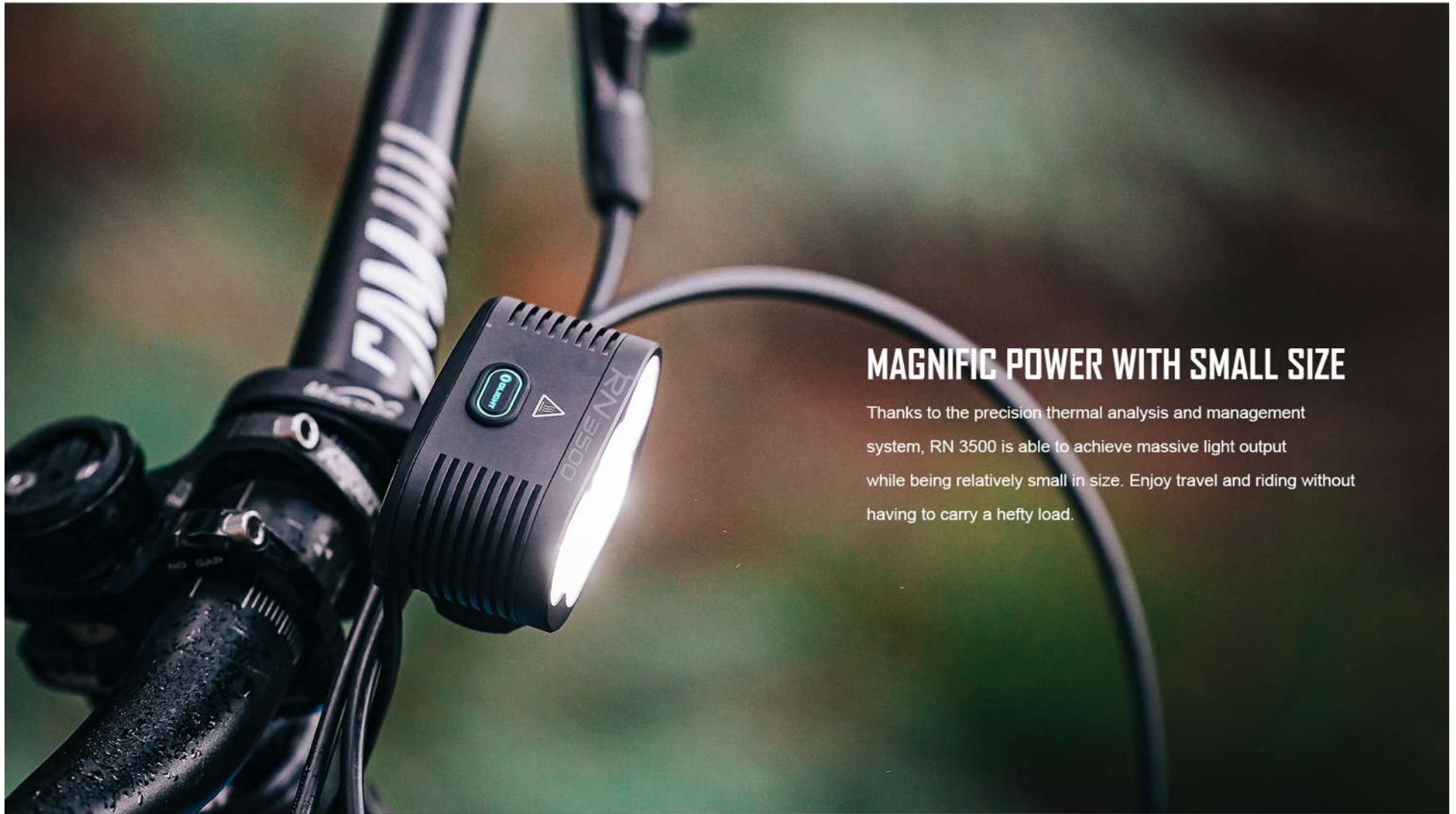
ONE LAMP FOR ALL YOUR ADVENTURES

Max Output / Throw: 3,500 Lumens / 350 Meters

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✔ Magnificent Power with Small Size

With the lightweight design, riders can hardly feel it on their bike or helmet.



MAGNIFIC POWER WITH SMALL SIZE

Thanks to the precision thermal analysis and management system, RN 3500 is able to achieve massive light output while being relatively small in size. Enjoy travel and riding without having to carry a hefty load.

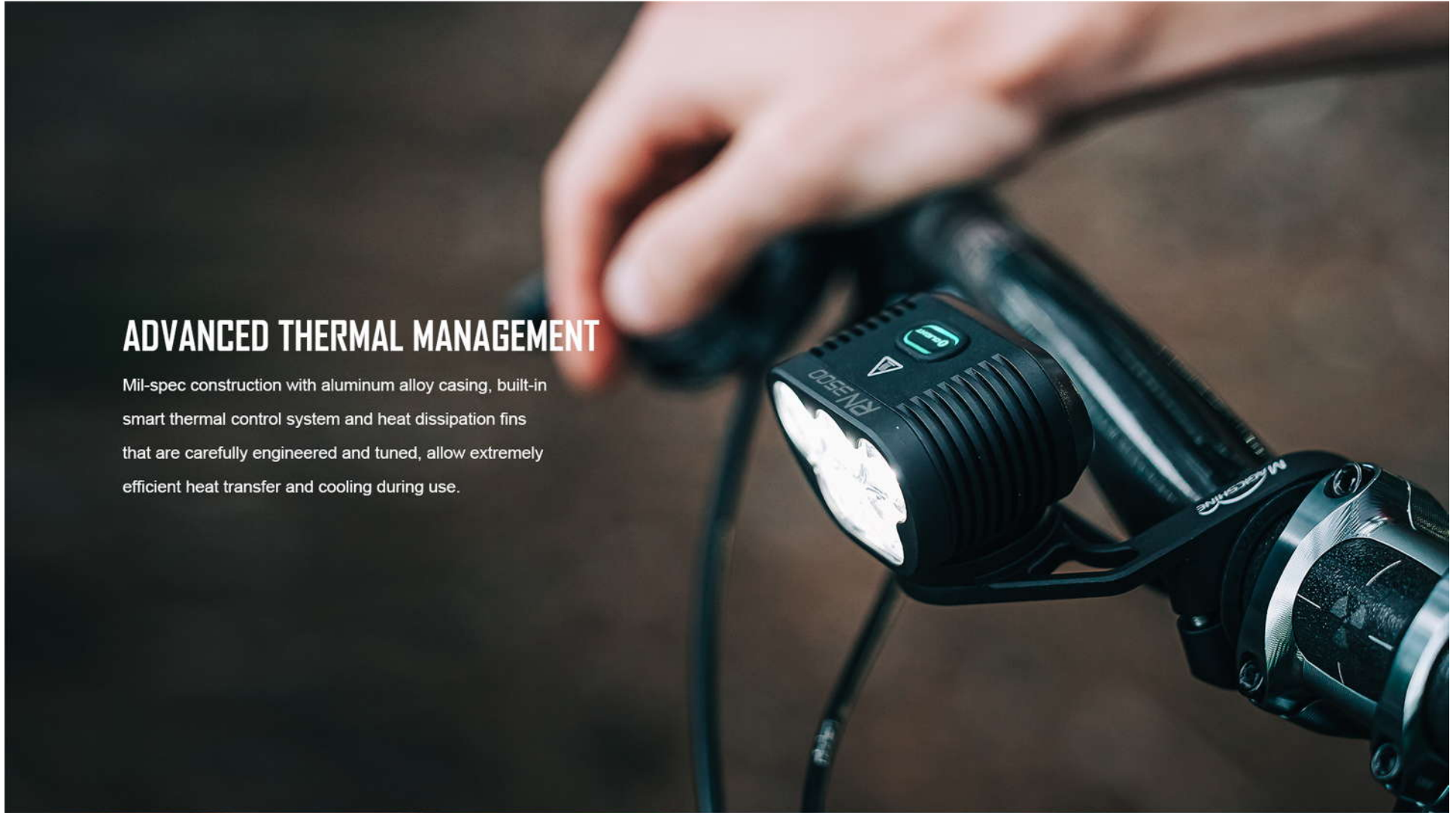
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✓ Advanced Thermal Management

Built-in temperature control system and cooling fin design assure high lighting performance.

ADVANCED THERMAL MANAGEMENT

Mil-spec construction with aluminum alloy casing, built-in smart thermal control system and heat dissipation fins that are carefully engineered and tuned, allow extremely efficient heat transfer and cooling during use.



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✓ Flexible Mounting Choices

Compatible with both handlebar and helmet, the lamp satisfies versatile illumination demands according to the environment.

FLEXIBLE MOUNTING CHOICES

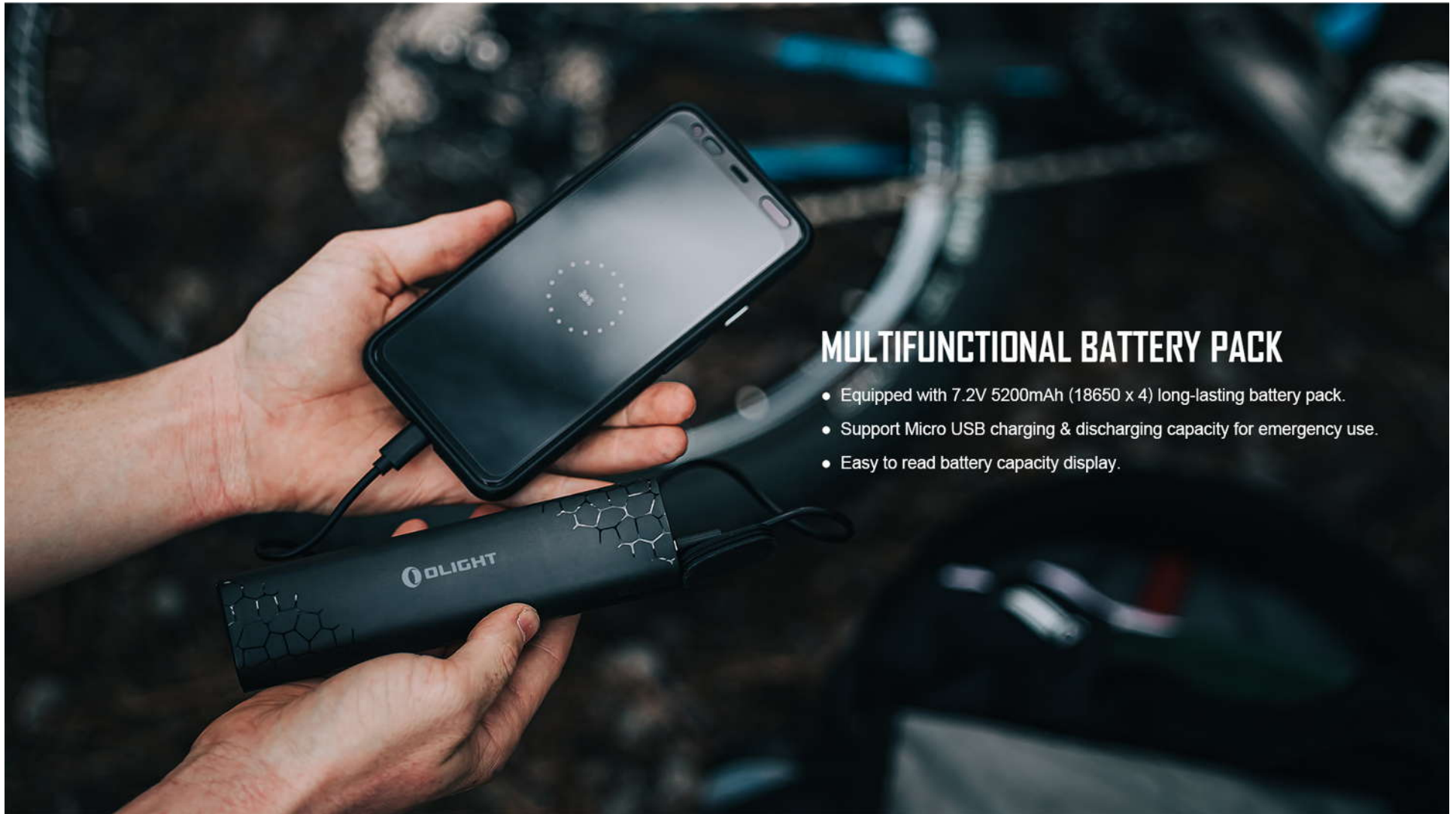
Garmin type mount supports both handlebar and helmet attachments, even compatible with GoPro, bicycle computer and phone, offering riders flexible choices tailored to their needs.



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✔ Multifunctional Battery Pack

Portable 7.2V 5200mAh battery pack that can be used as a convenient power bank.



MULTIFUNCTIONAL BATTERY PACK

- Equipped with 7.2V 5200mAh (18650 x 4) long-lasting battery pack.
- Support Micro USB charging & discharging capacity for emergency use.
- Easy to read battery capacity display.

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✔ Direct Battery Indicator

Easy-to-read battery indicator on the light head and battery pack.

DIRECT BATTERY INDICATOR


Easy-to-read battery indicators available both on lamp head and battery pack.

Green: 21%-100%

Red: 6%-20%

Flash Red: 0%-5%



Click  to know battery level

3 LEDs light up constantly: 71%-100%

2 LEDs light up constantly: 41%-70%

1 LED lights up constantly: 10%-40%

1 LED flashes: 0%-10%

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NEW

OLIGHT x *MAGICSHINE*

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