

BRIGHT Move 120

Light and charging



Technical specifications

Key features

Solar charging
Light modes: Low - med - high
3 functions
Integrated USB charger
Serial number
PAYG (optional)

Key specifications

2 Wp 4 V solar panel
11.5 Wh LiFePO4 battery
(3,600 mAh at 3.2 V)
5–7 year lifespan (2,000 charge cycles)
Advanced circuit protection
IP64




Smart features

Dynamic LED charge rate indication to help optimize solar panel placement
Low battery alert and auto-dim down function
Emergency strobe light
Smart light setting control

Full battery run time

5+ hours at 200 lumen
10+ hours at 80 lumen
40+ hours at 20 lumen

Solar charging time (estimated)

 12 h+
 20 h+
 30 h+

Lighting

6 Samsung LEDs
LED lifespan: 50,000 hours+
Light distribution: 120 degrees
Light color: 5,500-6000 Kelvin
95-98% lumen output after 6,000 hours

Color Rendering Index: 85

Battery & power

Battery type: LiFePO4
Battery capacity: 11.5 Wh
(3,600 mAh at 3.2 V)
Battery lifespan: 5–7 year
(2,000 charge cycles) @ 100% DoD
Solar panel type: monocrystalline
MPPT technology for optimized charging
USB charge time: 3 hours
Integrated solar panel

Device Charging

USB port (5 V 500 mA)
Compatible with most smartphones

Materials & durability

Drop-proof and UV-stable polycarbonate & ABS casing
Steel gooseneck
Easily replaceable battery
Battery protection: Self discharge, deep discharge, reverse polarity, trickle charge

Size & weight

Box dimensions (LxWxH): 21x11x3.2 cm
Total weight in box: 400 g

Warranty

Standard 2 years warranty

Certifications

CE
IP64
Lighting Global Quality Standards

Box content

BRIGHT Move Y
1 way charging cable (micro-USB)
User manual