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# we are on a mission to bring

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energy everywhere

## Our Mission

BioLite creates advanced energy products that cook, charge, and light your life off the grid. We develop technologies that turn fire into electricity, share power across devices, and pack unprecedented lumens in your pocket. Every purchase of a BioLite product creates lasting change for communities living in energy poverty and helps us fulfill the promise of **energy everywhere**." We use energy all around us every day. But for many, energy isn't that easy.



The BioLite HomeStove is a low-cost, biomass cookstove that drastically reduces emissions while generating electricity. Using a market-based approach to poverty alleviation, the HomeStove is purchased by end users in India and sub-Saharan Africa and typically pays for itself in 6-9 months based on fuel savings.



lives worldwide. We call this unique business model Parallel Innovation.

#### 2006 - An Idea

Avid campers frustrated by the need for petroleum fuel canisters, co-founders Ionathan & Alec start a weekend project trying to create a more efficient wood-

was horn

In a mushroom cloud of flames, the BioLite CampStove proof of concept



2008 - Building a Stove

After months of testing, the

first generation CampStove

prototype is completed.

2009 - A Parallel Business Plan CampStove prototype wins Cleanest Cookstove of the Year, leading to bifurcating the business plan to include emerging markets.



2011 - Disruptive Innovation becoming the first venture-backed business developing clean cooking



2012 - CampStove Launches

CampStove ships for the first time. A few

months later, Hurricane Sandy hits. BioLite

engineers set up charging stations around the

2013 - HomeStove Launches Large-scale commercial sales of the HomeStove begin in India, Ghana, and Uganda.





The off-grid lighting and charging system is BioLite's first product to be sold in both the emerging markets.

2015 - Building a NanoGrid

BioLite enters its newest

launch of the NanoGrid.

The Solution

90% reduction

air to date

in harmful smoke

emissions helping over 43,000 people in

India and sub-Saharan Africa breathe cleaner

Half the planet lacks access to safe, affordable energy

The Problem

Advanced, affordable energy products like the BioLite HomeStove

43% of the planet still cooks on smoky open fires leading to 4 million premature deaths annually from indoor air pollution that's more than AIDS, TB & malaria combined

2.3 billion people

access to electricity

have little to no

2 watts of useable electricity generated for charging

\$100/year saved

\$47 billion has been spent by the world's poor on kerosene lighting & phone charging

buying fuel & charging phones





# Turning Fire Into Electricity with Thermoelectrics

Light up a fire to cook your meals. We capture some of the waste heat via a copper probe. We convert that heat into useable energy via a thermoelectric generator. Electricity flows to a USB port so you can charge devices while simultaneously powering an internal fan. That fan blows air into the flames to improve combustion. Translation: a smokeless wood fire plus off-grid power for your gear.



Cook 🕑

CampStove CookStove KettlePo Portable Gril ampStove Bundle StickSnappe FlexLigh BaseCamp





#### Turn Fire Into Electricity

The BioLite CampStove converts heat into useable electricity for portable cooking and off-grid charging. Using only the sticks and twigs found on your journey, make wood-fired meals and charge devices all at the same time. It's a smart alternative to fossil-fueled stoves, creating an efficient cooking flame that burns smarter than any fire you're used to.

#### Tech Specs

Powers most USB-

chargeable devices



CampStove, BioLite FlexLight, Stuff Sack, Firestarter, USB Cord, Instructions



8.25″

(21.01 cm)

4.50" (11.50 cm)

COOK | CampStove 9





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#### A Fun and Easy Intro to Outdoor Cooking with Wood

Burn wood and create a portable campfire that can cook meals and boil water in minutes. Charge the internal battery for a weekend of smokefree cooking with easy setup, free fuel, and hyper-efficient flames that perform on par with gas stoves. Add the BioLite KettlePot or Portable Grill to create a fully integrated cooking system.

BOIL TIME

4.5 minutes for 1 L

#### Tech Specs

WEIGHT 1.60 lbs (725 g)

**BURN TIME** BATTERY CHARGE TIME 4 | Turbo: 10 hrs 3 | Boil: 20 hrs 2 | Simmer: 25 hrs 1 | Campfire: 30 hrs

IN THE BOX CookStove, Stuff Sack, Firestarter, USB to Micro USB Cord, Instructions

1.7 hours (wall outlet via micro USB)

FUEL

Renewable biomass (twigs, sticks, pellets)



7.75″

(19.70 cm)

4.50" (11.43 cm)

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COOK | CookStove 11



#### Featherlite and Foodsafe Made with ultra-thin stainless steel - durable and easy to clean

Multifunctional Design <u>é</u> Make coffee to start your day or sautee a meal for 4

#### Instant Carry Case Д

The CampStove/CookStove nests inside the KettlePot - saving space in your pack

5.20" (13.21 cm)



Portable And Light

# Wood-Fired Flavors

Cooking on wood just tastes better - leave K gas behind & infuse meals with savory flavor

#### Cook, Pour, Store

Cookware designed to meet the needs of an outdoor meal. A true grab-and-go system, the KettlePot pours like a kettle and cooks like a pot while doubling as a carrying case for the CampStove or CookStove.



## Tech Specs

WEIGHT 1.02 lbs (465 g)



Plastic Bowl, Instructions





10.20" (25.91 cm)

# Wood-Fired Portable Cooking

Cook your favorite meals over wood with one of the lightest tabletop grills on the market. Transform your CampStove or CookStove into a wood-fired grilling surface with this seamless and fun attachment.

Easy to fold legs and a durable plastic travel cover - grill and go

## Tech Specs

FUEL

WEIGHT 1.88 lbs (850 g)

COOKING AREA 55 in2 (354.8 cm2)



Renewable biomass

IN THE BOX BioLite Portable Grill, Grill

Cover, Instructions



#### For Use With



COOK | Portable Grill 13



Charge smartphones, headlamps, LED lights, and more Multifunctional Cookware Create full meals and beverages with lightweight cooking accessories Grill packs down to an impressive 3 inches and the KettlePot nests the CampStove

#### BioLite StickSnapper

Snap larger sticks seamlessly for longer burn times using this ergonomic, finger-saving tool.

One-Handed Design Increase leverage for easy fuel preparation

Doubles as a Bottle Opener Kick back with a brew around your portable campfire

#### **Tech Specs**

WEIGHT 2.5 oz (70.9 g)

DIMENSIONS 6.15 x 1.3 x 0.6 in (156 x 33 x 15.25 mm)





#### Complete Cooking & Charging with Wood

Grill, boil, cook, and charge with this fully integrated system. Bundle includes *CampStove* (pg 8), *KettlePot* (pg 12), *Portable Grill* (pg 13) and *FlexLight* (opposite page).



Packaging

DIMENSIONS 10.24 x 13.43 x 7.56 in (26.01 x 34.11 x 19.20 cm)



4 kg)

Accessories & Pairings



#### BioLite FlexLight

A portable, pliable USB gooseneck for quick, controlled light.

Tap On/Off/Dim Turn on with the tap of a finger and hold to dim

Flexible Neck Spotlight a variety of tasks without having to move your power source

#### Tech Specs

 WEIGHT
 LUMENS

 1.80 oz (51.03 g)
 100 Lm

 LENGTH
 USB

 16 in (40.64 cm)
 1.25 W (5V, 0.25A)

#### For Use With





#### Complete Cooking and Charging for Groups

The BioLite BaseCamp converts heat into useable electricity to cook up meals and charge devices. Featuring an LED dashboard for real-time feedback and using only fallen branches or small pieces of firewood, it burns smarter than any fire you're used to. A powerful alternative to propane stoves and grills.

#### Tech Specs



COOK | BaseCamp 17

52 Miles



# Charge 🔗

SolarPanel 5 SolarPanel 5+ KettleCharge



#### The Most From The Sun in Minimalist Form

BioLite's newest entry into solar pairs usercentric design with minimalist materials to create an **improved charging experience**. Instead of cumbersome casings and plastics, our proprietary panel-bonding design allows us to feature a **sun-optimizing kickstand and sundial** while maintaining an ultraslim, packable profile.

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#### Get the Most From the Sun

Featuring BioLite's Optimal Sun System, the SolarPanel 5 and SolarPanel 5+ feature smart yet simple details to get off-grid energy to your gear with maximum efficiency. Use them to power your tablets, phones, lights, and other devices. Power up in real time when the sun is shining or from stored energy when it's not thanks to the integrated battery in the SolarPanel 5+.

#### Tech Specs

IPX4



CHARGE | SolarPanel 5 | SolarPanel 5+ 21





## 2 5 3

#### 10 Watts of On-Demand Power

A powerful personal-scale generator for everyday devices, the KettleCharge provides off-grid power in a matter of minutes using nothing but heat and water. Perfect for camping or power outages, the KettleCharge will keep you charged day or night with BioLite's core thermoelectric technology.

#### Tech Specs





## Inside the Tech

#### A Powerful Light Made Compact Using Edge-Lighting

Edge-lighting is a technology that bends light around the internal battery, resulting in a **compact design and soft light**. A unique textured pattern on the lens reflects LED lights on a steep angle to control where and when it escapes the lantern. The pattern follows a gradient, allowing **even light from bottom to top** of the lens. This creates a powerful light that **fits in the palm of your hand**.





PowerLight Mini NanoGrid PowerLight SiteLight BaseLantern BaseLantern XL







#### Wearable Energy in a Compact Design

The PowerLight Mini is designed to light and power your life on the go. As a hands-free headlamp alternative, it can be clipped to a shirt for soft white light that won't blind your friends. The red night mode allows you to see in the dark while preserving night vision. The PowerLight Mini's flash mode and included bike mount means you stay visible on the trail or on the commute.

#### Tech Specs

WEIGHT 2.82 oz (80 g) BATTERY 1350 mAh

INPUTS/OUTPUTS Micro USB in USB out

WEATHER RESISTANCE IPX4

PowerLight Mini, USB Cord, Bike Mount (30 mm Clamp), Instructions

**BURN TIME (HRS)** 50 LO/ 4 HI

LUMENS

135 Lm

IN THE BOX

LIGHTING MODES -White light w/ dimming -White light 100% brightness w/ point light

-Red light 100% brightness -Red point light flashing -White point light flashing

0.59" (15 mm)

......

2.01" (51 mm)

3.35" (85 mm)

LIGHT | PowerLight Mini 27









#### The PowerLight + SiteLight Charging & Lighting System

The BioLite NanoGrid is a compact, powerful system of rechargeable lighting and power storage. An advanced energy hub, the PowerLight stores shareable energy in the palm of your hand while the daisy-chain SiteLight provides a home-like network of overhead lighting never seen before in the outdoors.

#### Tech Specs

Tech Specs		Low	Hi			
WEIGHT		After one phone charge*	After one phone charge*			
PowerLight (PL): 7.05 oz (200 g) SiteLight (SL): 1.83 oz (52 g) per light	₩ <u></u>	72 h 36.5*	6.5 h 4.25 h*			
DIMENSIONS		36 h	8 h			
PL: 2.2 x 5.3 x 1.2 in (5.6 x 13.4 x 2.9 cm) SL: 2.6 x 1.1 x 2.6 in (6.5 x 2.7 x 6.5 cm)	**	24.h*	5.25.6*			
LUMENS	新 👼	22 h	4 h			
PL: 250 Lm - torch; 200 Lm - lantern SL: 150 Lm per light	🖬 🚔	14.50 h*	2.50 h*			
OUTPUTS	👼 👼	18 h	6 h			
PL: USB out (5V, 2A); 2.5mm connector	***	12.h*	4 h*			
SL: 2.5 mm connector	*Using Phones. Power output and sharping time venes by divice					
INPUTS						
PL: Micro USB charge in SL: 2.5 mm connector	10m –					
BATTERY	3m					
4400 mAh, 16 Wh						
CORD LENGTH	RD LENGTH					
10 ft (3 m) per light						

LIGHT | NanoGrid 29



USB rechargeable fan portable fire. BioLite's stove for the wood-bu	new entry-level	
Burn sticks, twigs pinecones, pellet	5, S	
Control flames w and 4 fan speed s	ith air flow asettings	E T
PACKED SIZE 7.75 x 4.5 in (19.69 x 11.43 cm)	FUEL Renewable biomass	BURN TIME Fan hi (turbo): 10 hr CampFire Mode: 30
WEIGHT 1.60 lbs (7.25 g)	BOIL TIME 4.5 min to boil 1 L	
BioLite SolarPan	el 5+	
Get the most from the 5W solar panel + batte store energy with max	ry. Generate and	
Real time power on-board battery	;	
360° kickstand + to align the sun	sundial	
DIMENSIONS 10.1 x 8.2 x 1.0 in (257 x 208 x 24 mm)	BATTERY 2200 mAh, 8 Wh	INPUTS/OUTPUTS Micro USB in USB Out
WEIGHT 13.76 oz (390 g)	DURABILITY Splash resistant	

BioLite CookStove

120	BioLite PowerLig PLB1003 (teal); PLB1001 (yello	<b>ht Mini</b> v); PLB1002 (grey); PLB1004 (red)	sne 4
	Wearable energy in a c clippable design that li your life on the go.		Cara
	3-way lighting: eo lantern, red nigh		
	USB charge in an	d out	J
	DIMENSIONS 2.0 x 3.4 x 0.6 in (51 x 85 x 15 mm)	BATTERY 1350 mAh	INPUTS/OUTPUTS Micro USB in USB Out
	WEIGHT 2.82 oz (80 g)	LUMENS 135 Lm (lantern)	BURN TIME (HRS) 50 LO/ 4 HI



PACKED SIZE USB OUTPUT BOIL TIME WEIGHT 2.06 lbs (33 oz) FUEL Renewable biomass FLEXLIGHT 100 Lm; included





 
 DIMENSIONS
 INPUTS/OUTPUTS

 10.1 x 8.2 x 1.0 in
 Micro USB in

 (257 x 208 x 24 mm)
 USB Out
 WEIGHT DURABILITY 13.76 oz (390 g) IPX4









BioLite BaseCamp

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5W on-demand electricity + on-board battery storage

WEIGHT FUEL 17.92 lbs (8.16 kg) Renewable b

BioLite KettleCharge



DIMENSIONS BATTERY USB OUTPUT WEIGHT 2.0 lbs (907 g) MAX FILL 750 ml



Create an energy hub for your site with this charging and lighting system SolarPanel 5 and PowerLight. Charge in real time or store in the PowerLight's battery

360° kickstand + sundial to align to the sun TOTAL WEIGHT OUTPUTS 1.19 lbs (0.54 kg)

CampStove Bundle

4.9 lbs (2.24 kg)

PowerLight Solar Kit

FUEL

Grill, boil, cook, and charge with this fully integrated system: CampStove, Portable Grill, KettlePot & FlexLight.

Burn sticks to create electricity for phones or included FlexLight

Create full meals with lightweight cooking accessories

TOTAL WEIGHT USB OUTPUT

FUEL FLEXLIGHT Renewable biomass 100 Lm; included

Me 6 4

BOIL TIME

BATTERY

BURN TIME (HRS) INPUTS 72 LO/ 6.5 HI Micro USB

BioLite NanoGrid A lighting and energy hub that fits in the palm of your hand: PowerLight and SiteLight.

Shareable energy - charge your gear or power SiteLights

Light your entire site with 20 ft of string lighting

LUMENS CORD LENGTH 250 Lm torch; 200 Lm lantern; 300 Lm SiteLight TOTAL WEIGHT LUMENS BATTERY BURN TIME (HRS) 4400 mAh, 16 Wh 22 LO/ 4 HI



Bring the BaseCamp to your favorite destinations with this custom carrying case featuring 2 pockets for storage. WEIGHT MATERIALS 1.25 lbs (567 g) Canvas body, nylo strap, metal hook BioLite SiteLight

Define a sense of space with this daisychaining light system that provides functional overhead light at your site. LUMENS CORD LENGTH 150 Lm per light 10 ft (3m) per light LIGHT RANGE BURN TIME (HRS) 10 ft (3 m) 36 LO/ 8 HI

BioLite FlexLight

Whether it's lighting a cooking surface

LENGTH LUMENS 16 in (40.64 cm) 100 Lm

or brightening your workspace, this USB gooseneck is perfect for quick light.



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#### On the Floor: In-Store Support



#### Point-Of-Purchase Displays

The BioLite point-of-purchase (POP) system is designed to be both informative for customers and flexible for retailers. Each system ships with the powder-coated black metal Base Unit, a choice of product Backer Cards & product-specific display Accessories.

#### Base Unit

The base pedestal that ships with each point-of-purchase display is sized for CampStove and all products below.







High-quality, double-sided artwork is included for promoting all POP compatible products.

Accessories The accessories below are included to assist in product merchandising.

Backer Cards





#### Go-To-Market Support

Our team is committed to helping retailers and employees better understand our brand, product offerings, and company mission.



ng videos created by BioLite engineers



Digital display ads

Employee training manuals

Go-To-Market Support 35



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