



Power for good

The Freeplay Energy Hub Range





#### FEATURES AT A GLANCE









#### **SOLAR POWERED**

Capture the brightness of the day to power you well into the night

#### **BRIGHT LIGHTS**

Energy Hub includes 2 light bulbs to provide bright and lasting light

#### **STAY IN TOUCH**

Charge most popular phones and USB devices

#### **SAFE TO USE**

Clean energy.
Free from dangerous
fumes and flames



#### **PERFORMANCE**

Product	Solar Panel	Solar Panel Cable Length	Battery	LED Bulb	LED Driver	LED Bulb Cable Length	Mobile Phone Charging
Energy Hub EH4	4 Watt/Polycrystalline	5 Metres	Lithium ion 2600 mAH	2 x 100 lumen super bright. 50,000 hours life LED. Rainproof	Constant Current Driver	5 Metres	Constant Voltage Supply
Energy Hub EH8	8 Watt/Polycrystalline	5 Metres	Lithium ion 4400 mAH	4 x 100 lumen super bright. 50,000 hours life LED. Rainproof	Constant Current Driver	5 Metres	Constant Voltage Supply





Shine Time - From fully Charged Battery					
4 bulbs on high setting*	8 Hours				
2 bulbs on high setting	8 Hours				
1 bulb on high setting	16 Hours				
1 bulb on low setting	32 Hours				

\* Energy Hub 8 Only
High setting 100 Lumen per bulb
Low setting 50 Lumen per bulb

Charge time with Solar Panel*					
Time	% Battery Charged				
3 Hours	50%				
4 Hours	70%				
6 Hours	100%				

\* Under good sunshine Times apply to both models

#### **REAL LIFE BENEFITS**



### "Once installed this life-changing technology has no additional running costs"



AT NIGHT Study, learn and read at night



OUT AND ABOUT
Stay charged and connected



Stay open for business until late

YOUR BUSINESS



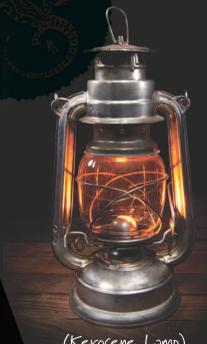
Light and power during emergencies

IN EMERGENCIES

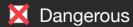
- · Simple to set up
- Power source solar panel
- Rechargeable & replaceable battery
- Charging indicator

- Battery level indicator
- Bulbs with Hi/Lo/off switch
- Mobile phone USB charger

## With nearly 20% of humanity surviving without access to electricity...



(Kerosene Lamp)



**X** Unhealthy

**X** Expensive



...the Freeplay Energy Hub makes sense



Safe



No running costs



Clean



Up to 4 lights



#### **CHANGING LIVES**

Over 1.3 Billion people worldwide live without electricity

# Freeplay's Energy Hubs use solar technology to provide families living off-grid with power for lighting and recharging mobile phones.

- Alleviates Poverty up to 25% of family income is spent on lighting by 'off-grid' families
- Prevents Fire Hazards Kerosene lamps and candles are the leading cause of house fires
- Improves Health exposure to the toxic poisons produced by kerosene are eliminated
- Improves Education Students can study after sunset and without straining their eyes
- Increases Income light in the evening presents opportunities for extra work
- Empowers Women improved lighting creates a safer environment for women

Freeplay - Power for good



#### NEED MORE? - The EH4's Big Brother

Energy Hub 8 has a larger solar panel and internal battery to power up to 4 light bulbs and more portable devices



"WHEN ONLY THE ORIGINAL WILL DO"











