

Nearly 25% of humanity survives without access to electricity...



Many turn to kerosene for lighting.

- Dangerous
- Unhealthy
- Expensive



- Safe
- Clean
- No running costs
- Ultra Bright

...That's why we developed the *Freeplay Energy Centre*



NO KEROSENE

Shine Time  
(Fully Charged Battery)

- 2 x LED Bulb  
6 hrs
- 1 x LED Bulb  
12 hrs

## The Freeplay Energy Centre™

The Freeplay Energy Centre is a solar powered lighting system and mobile phone charger. The kit has built-in overcharge and over-discharge protection, is compact to keep shipping costs low and is designed to be up and running in minutes. Each kit is supplied with one 4-watt crystalline solar panel, a power pack with lithium battery and controller, two bright LED bulbs each with a clear lens and connecting cables.

### What can a Freeplay Energy Centre do for a family?

- Protect family health by reducing exposure to pollutants
- Allow good reading light for children to study at night
- Provide a charging point for mobile phones and other portable devices
- Eliminate the risk of fire from a candle or kerosene lantern
- Save them money – sunlight is free!



[www.freeplayenergy.com](http://www.freeplayenergy.com)



## Specification: Energy Centre™



The Freeplay Energy Centre is the perfect solution for people living off grid. It uses solar energy to provide lighting and to charge mobile devices.

NO KEROSENE

### Model: Energy Centre

Solar Panel	Solar Panel Cable Length	Battery	2 x LED Bulb	LED Driver	2 x LED Bulb Cable Length	Mobile Phone Charging
4 Watt / 11 Volt Crystalline	5 Metres	7.4 Volt 2200 mAh, Lithium	50 000 Hours Life, 1 Watt Super Bright LED, Rainproof	Constant Current Driver	5 Metres	Constant Voltage Supply



- Simple to set up
- Power source - solar panel or AC adapter (optional)
- Rechargeable & replaceable battery
- Charging indicator
- Bulbs with on/off switch
- Mobile phone USB charger
- Compact – lower cost shipping

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

\*Under good sunshine

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### PACKAGING DETAILS

Inner carton: 264 x 228 x 62mm  
Weight: 1.5KG per piece  
Pieces: 12 per outer carton

Working time: After battery has been fully charged	
2 x LED Bulbs	1 x LED Bulb
6 Hours	12 Hours

