

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



NO KEROSENE

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.

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 |



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