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Freeplay Sherpa crank lamp

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- Very old articles -



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Description :

A lamp which will never go out of power.

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This information is SERIOUSLY outdated.

The Sherpa lamp from [Freeplay](#) is a rechargeable battery powered lamp, with a special xenon bulb with two outputs.

1. 30 minutes lasting in full power (very bright)
 - ▶ High output does light up to some 100 meters, the beam is wide, with a strong focus in the middle, I'd say excellently designed. My continuous discharge test in high beam took 1:15 hours, much more than announced, so I suppose the low beam should last longer too, 12 hours if the rates are respected.
2. 5 hours in lower mode.
 - ▶ Good for most close applications, room, tent or house.

The Freeplay Sherpa



BUT get out of power, unplug the crank, wind it up 30 sec and you get 8 minutes of low power light, and some 45 seconds of high beam. You can also wind the crank from any beam mode.

The crank is not too difficult to turn, and there is a green diode which lights up when you have the optimal speed for charging. It is still a vigorous winding, when done for 30 seconds.

The Freeplay Sherpa with crank at dock.

Freeplay Sherpa crank lamp



The Freeplay Sherpa with crank unfolded. You can see the green led.



The lamp is sold with an AC charger.

Freeplay Sherpa crank lamp

The price is 50 euros, I got mine for 40 euros [\[1\]](#).

The lamp works on 3 AAA NiMh batteries, at a voltage of 3.6 volts.

You can generate current with the crank, so a question that came to my mind is can you extract it?

► The answer is no without voiding the guaranty, but you could: The input plug for the charger is protected by a diode, so no current can get out of the lamp, but open the lamp, and short circuit the diode, and you can power any 4.5 volts apparel you may carry with you, in addition to the lamp. If interested, ask in the forum for this article, and I'll provide schemes and dismantling instructions.

Having dismantled it, I can say it is not water-proof, but well enough weather-proof.

The Freeplay Sherpa's bulb



Constructor specifications

Power	Source:
Wind up	AC alternator driven by the crank via a transmission.
Charging Adapter	6V 100mA AC/DC adapter (2.1mm centre pin positive jack).

Freeplay Sherpa crank lamp

Rechargeable Battery	Non-removable rechargeable Ni-MH battery pack, 3.6V, 1000mAh.		
Light Source:			
3.3 V 1565 mA and 140 mA dual filament high-pressure xenon filled ultrabright bulb.			
Shine Time:			
Fully recharged battery - 5 hours (normal beam) Fully recharged battery - 30 minutes (normal beam) 30-second wind - 8 minutes (normal beam)			
Adapter Charge Rate:			
24 hours - 100% capacity			
Accessories:			
Cigarette lighter adapter. Wall mounted cradle.			
Dimensions:	Height	US-Imperial	Metric
	Length	2.1”	55mm
	Width	6.3”	160mm
	Weight	2.4”	60mm
		13oz.	370g

Conclusion

An excellent investment as a lamp. It will give light anytime, anywhere, freeing you from the need of external electrical sources. It works, and it works well.

In addition, and with minimal modification, the energy of the internal dynamo can be used to power external appliances of similar voltage and power.

In terms of pure security, I regret a spare bulb is not provided with the lamp.

[1] euro =US \$