



## The Tuf™ Radio

The next generation emergency preparedness radio brought to you by Freeplay Energy

The Tuf solar & wind-up multiband radio is an essential part of any emergency preparedness kit. Information, communication and light are life savers in situations where normal utilities are down. Tuf radio provides regular and specific weather information (USA version) as well as emergency lighting and cell phone charging, without the need for disposable batteries or access to an electricity source. You are guaranteed never to be without power again.

- Perfect for off-grid situations
- Rechargeable by cranking, solar and USB cable
- Emergency phone charging
- FM / AM / SW (non USA version)
- FM / AM NOAA weather band (USA version)
- Digitally tuned
- Ultra-bright LED light source with 50,000 hours lifetime

### Play / Shine Times

(Fully Charged Battery)

Radio 6 hrs

Light 10 hrs



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



(Mobile phone not included)



## Specification: Tuf™ Radio

Dependable, self-powered solar radio, flashlight and mobile phone charger combination.

### NAME

Tuf™ Radio

### PRODUCT DESCRIPTION

The Tuf radio is a rugged, robust self-powered solar radio, flashlight & emergency phone charging combination designed specifically for emergency preparedness kits and for use in disaster relief management.

### POWER SOURCE

#### Solar Panel

Poly-crystalline solar panel, 5V 30mA, with solar charging indication. This serves to play the radio or to charge its batteries without having to wind.

#### USB

The Tuf may also be fully recharged via a standard USB cable.

#### Power Management

A rechargeable 3,6V NiMH rechargeable battery pack stores the energy generated from human and solar power.

### LONG LIFE BATTERY OPTION

Because products for emergency preparation applications are often stored without use for long periods Freeplay offers the option of a low self-discharge battery. This will ensure that the battery is able to withstand storage for extended periods.

### FEATURES

12/24 hour clock, Backlit LCD display, Battery level indicator and tough carabeneer carrying handle.

### MOBILE PHONE CHARGING

USB 5V output port for recharging phone and light personal electronics. The Tuf has a USB power-out socket that delivers power from the alternator to a mobile phone.

### SPEAKER

40mm 8 Ohm speaker with metal speaker grill  
Headphone listening socket

### ANTENNA

FM: Telescopic antenna  
AM (MW): internal ferrite rod antenna.

### FREQUENCIES

Digitally tuned, PLL (phase-locked loop) radio  
FM: 88-108 MHz  
AM (MW): 530-1700 kHz  
SW: 3-22 MHz (non USA version)

WB (weatherband), 7 NOAA channels 162 MHz  
(USA version) weatherband channels

### DIMENSIONS

Length: 144mm  
Diameter: 60mm  
Weight: 300g

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