

PWRbox MINI 15 : Portable Power Box by Powerwerx



Price: CAD \$439.00

SKU: PXPWRBOX-MINI-15

Product Categories: [Bike Touring](#), [Camps](#), [HAM Radio](#), [In The Field](#), [Lithium](#), [On Location Off-Grid](#), [On The Road](#), [On The Trail](#), [Packable USB Battery Packs](#), [Portable Universal Packs](#), [Research](#), [Rugged Stuff](#), [SAR & Military](#), [Shop](#), [Trek North](#)

Product Tags: [battery pack](#), [canada](#), [case](#), [lfp](#), [lithium](#), [lithium iron phosphate](#), [pelican](#), [portable](#), [powerwerx](#), [powerwerx pwrbox mini](#), [pwrbox mini](#), [pwrbox mini canada](#), [solar](#), [solar battery](#)

Product Page:

<https://www.modernoutpost.com/product/pwrbox-mini-15-portable-power-box-by-powerwerx/>

Product Summary

This is the PWRbox MINI 15 : Portable Power Box by Powerwerx. A compact LFP

(Lithium Iron Phosphate) battery packed in a weatherproof pelican-style case, featuring all the input and output ports you need on your remote excursion. Perfect for charging smartphones, tablets, fish finders, two-way radios, portable 12V fridges and many other small 12V devices.

Product Description

This is the PWRbox MINI 15 portable power box by Powerwerx. A compact LFP (Lithium Iron Phosphate) battery packed in a weatherproof pelican-style case, featuring all the input and output ports you need on your remote excursion. Perfect for charging smartphones, tablets, fish finders, two-way radios, portable 12V fridges and many other small 12V devices.

If the power goes out, or you are camping in a remote location, the PWRbox Mini 15Ah can keep your favorite small devices powered up and ready to go.

PWRbox Mini 15 Features

DC Power up to 15A continuous

The side mounted red backlit circuit breaker switch is rated at 15 amps maximum and turns power on/off to the blue digital voltmeter, (2) USB fast QC3.0 charging ports, and the automotive 12V socket.

NOTE: The voltmeter and USB charger draw a small parasitic load on the battery even when not in use, so be sure to turn the switch 'off' when not in use.

High Current DC (non-switched)

(2) Anderson Powerpole connectors, compatible with the PP15/30/45 series, provide high current DC output, wired directly to the battery and protected by an inline fuse.

Built-in LED Worklight

LED worklight with dedicated on/off button. Works as a powerful and portable flashlight.

Battery Charger Included

Includes AC-DC battery charger with Anderson Powerpole connector. Output 14.6VDC, 2A (CC/CV charge profile for LiFePO4 batteries).

PWRbox Mini Performance Numbers

Typical Operation Time or Amount of Charges for Consumer Devices

NOTE: Included PWRbox Battery Size is 15 Ah (153Wh @ 85%)

- Smart Phone (5-8W) 19-30 Hours - Fish Finder (12-24W) 6-12 Hours - Portable GPS Unit (24-36W) 12-18 Hours - Tablet (25-40W) 3-6 Charges - 12VDC Fridge (10-18W) 8-15 Hours - 12VDC Mattress Pump (75W) Up to 2 Hours - QRP HF Radio -12V (80% Rx/20% Tx) 12-16 Hours - VHF Marine Radio -12V (90% Rx/10% Tx) 11-14 Hours - Built-in LED Work Light (3W) Up to 51 Hours

PWRbox Mini 15 Specifications

Battery Capacity : 15 Amp Hours

Battery Chemistry : LiFePO4 (Lithium Iron Phosphate)

Battery Protection : 30 Amp Inline Fuse

Max Current (Auto Socket) : 15 Amps

Max Current (Combined) : 25 Amps

Nominal Voltage : 12 Volts

Charging Voltage : 14.6 Volts (CC/CV charge profile LiFePO4 batteries)

Dual USB Outputs : Up to 2.6A @ 5V USB device charging. Supports QuickCharge QC3.0, QC2.0, BC1.2, Apple, Samsung Adaptive Fast Charge Protocol (AFC) and Huawei Fast Charging Protocol (FCP)

Operating Temperature : 14°F to 140°F (-10°C to 60°C)

Exterior Dimensions : 10.75 in. L x 8.9 in. W x 4.5 in. H (273 mm x 226 mm x 114 mm)

Weight : 7.0 lbs. (3.2 kg)

Included Extras: Wall Charger

Includes AC-DC battery charger with Anderson Powerpole connector.

Output 14.6VDC, 2A (CC/CV charge profile for LiFePO4 batteries).

Download The PWRbox Mini 15 User Manual here

Using Your PWRbox 15 With Solar

The PWRbox 15 comes with a wall charger so you can charge it up from any wall

outlet in your home, or a generator.

But how do you plug a solar panel into it?

Easy!

The LFP battery in the PWRbox requires a solar charge controller designed for Lithium, and the maximum recommended input to the battery is 60W (between 4 & 5A @ 14.6V).

Here are your leading options for solar panels & charge controllers...

Best Compact Charge Control Matches [Genasun GV-5-Li-14.2](#)] [Powerwerx MPPT-150](#) **Best Solar Panel Matches** [FSP-60 : 60W Folding](#) [Voltaic Arc 45](#) [Voltaic 17W Rigid](#) [Powertraveller Falcon 40](#) [Powerfilm R-14](#)

Now, it will become clear to you when reviewing these options, that connector formats differ between solar panels, charge controllers, and ultimately they need to plug into the PWRbox's Anderson APP15/30/45 port.

Don't worry!

We have all the connectors and extension wire you might need, and we do this type of consulting work every day.

Either send us a note via [EMAIL](#) with your desired system notes, or place an order for the panel and controller you like, and include some notes as to how you need it to come together. Use a offline payment method so you don't pay now. We will consult with you, and then will assemble the parts you need.

A Quick Word About Airlines...

The maximum lithium battery capacity you can carry-on a flight is 100Wh, so at 180Wh, the PWRbox MINI 15 will require special handling. Consult with your airline. If you'd like to reduce the battery capacity to less than 100Wh so you can carry the battery on a flight, let us know. We have several battery sizes that can fit the PWRbox case.

We have also built custom power boxes using [Nanuk cases](#) for Parks Canada with a completely different set of ports than those featured on the PWRbox.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 4 kg

Product Gallery

