

# BRUNTON®

## SYNC Portable Power

### General Safety Information

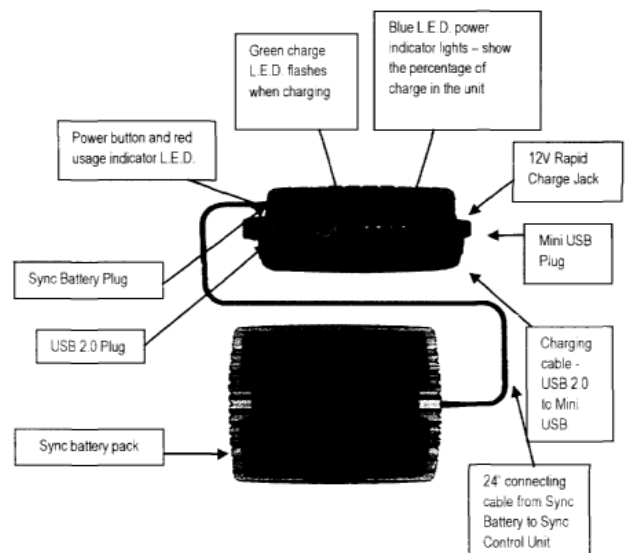
**IMPORTANT:** Please read all the instructions before operating your BRUNTON Portable Power product. This manual contains important information about the BRUNTON Portable Power assembly, use, and maintenance of the product, Keep this manual for future reference. Be sure to read this manual completely before using the Sync to prevent misuse of the products and possible injury, fire, property damage or death.

Particular attention should be paid to the information accompanied by the safely alert words **WARNING**, **IMPORTANT** and **CAUTION**.

- **WARNING - ONLY** use this product with the supplied charging cables and accessories. Use of an attachment not supplied by BRUNTON may result in a risk of fire, electric shock or injury and will void your warranty on the product.
- **WARNING — DO NOT** plug any electronic device directly into the Sync without using the Sync Control Unit. Using the Sync Battery without the Sync Control Unit may result in a risk of fire, property damage, electric shock, injury or death
- **CAUTION - Do not** submerge the unit in water or use the unit after it has been exposed to water!
- **CAUTION — Do not** open the BRUNTON Portable Power unit —there are no serviceable parts inside.
- Check all cables carefully before use — cables exposed to extreme heat, sharp edges, water or petroleum-based products can become damaged. Do not use any cable that has exposed wires! Contact BRUNTON customer service at 1-800-443-4871 for replacement of any damaged product parts before using the unit to charge electronic devices – improperly seated adapters can be a shock hazard and may damage the electronic device.

- **CAUTION:** The USB output from this unit is built for USB 2.0 compatible 5V units. Using your BRUNTON Sync on older electronics could cause damage to units and/or the persons operating them.
- **WARNING — Explosion Hazard! DO NOT** incinerate any BRUNTON Portable Power device.
- **WARNING —Explosion Hazard! DO NOT** use any BRUNTON Portable Power device in a microwave.
- **WARNING - DO NOT** use any BRUNTON Portable Power device to power medical equipment, life support or other critical devices.
- Your BRUNTON Portable Power product should not be disposed of like ordinary refuse. Please contact your local municipal or civil authority for instructions on correctly disposing of a Lithium Polymer Battery.
- **IMPORTANT –** only use a damp rag to clean your BRUNTON Portable Power unit. Use of chemicals can harm the unit and will void the warranty.

### Features and Locations





**Product Specifications**

Battery Type: Lithium Polymer  
Output Voltage: 5V (USB 2.0 Compatible) with auto shut-off.  
Output Current: 2000 mA  
Output Wattage: 10 W  
Battery Capacity: 33 Wh  
Input Port: Standard USB 2.0 (Car Charge and wall adaptor provided with unit)  
Output Port: Mini USB (Micro USB adaptor provided with unit)  
Dimensions: Control Module: 4.0" X 2.0" X 0.63"  
Battery: 3.75"x 4.13" x 1.0"  
Weight: 12.7 oz.  
Use Temperature: Usable from -10°F to 120°F  
Certification: CE, RoHS

**Estimated Time to Charge:**

- Sync, via Car Charger - 2 hours
- Sync, via USB 2.0 - 4 hours
- Cell phone, via Sync 1-2 hours
- MP3 player, via Sync 1-2 hours
- GPS via Sync 1-2 hours
- Camera, via Sync 1-2 hours

**Note: Charge times are approximate and will vary depending on specific device used and solar conditions.**

**Determining the level of energy in your Brunton Sync:**

The BRUNTON Sync unit comes with easily understood L.E.D. readout to show how much energy your portable power item is holding. Press the power button to turn on the unit. When you do this, the blue L.E.D. display on the surface of the unit will light up.

Number of blue L.E.D.s lit	Amount of power remaining
One	0.0% 24.9%
Two	25.0%-49.9%
Three	50.0% 74.9%
Four	75.0% to 100%

When your BRUNTON Sync is in use, a green light on the unit will tell you that the unit is charging. A red light from the power button means that the unit is being used to power another electronic device.

**Traveling with your Portable Power Item**

Please contact your airline prior to packing your BRUNTON Portable Power device. There are certain airlines that restrict the transport of battery items on their planes or request that certain safety precautions be made prior to boarding the aircraft.

**Charging the Unit**

The BRUNTON Sync unit needs to be charged before it is used. It can be charged via the vehicle-adaptor, the USB 2.0 connector or using solar power.

**Charging the unit via the male vehicle-adaptor:**

1. Plug the vehicle-adaptor into the USB 2.0 connector from the BRUNTON Sync unit.
2. Connect the male vehicle-adaptor into the vehicle cigarette lighter adaptor.
3. Leave the unit in place until fully charged.
4. Unplug the vehicle –adaptor and unplug the USB cable from the adaptor.
5. Return the USB 2.0 plug on the charging cable to its place on the unit.

**Charging the unit via the Wall Adapter:**

1. Plug the wall outlet adapter into the BRUNTON Sync unit.
2. Connect the wall adapter to the electrical source.
3. Leave the unit in place until fully charged.
4. Unplug the wall adapter from the electrical source and unplug the cable from the BRUNTON Sync.



### **Charging the unit via the USB 2.0 cable:**

5. Unplug the USB 2.0 cable from the side of the BRUNTON Sync unit.
6. Make sure the Mini USB plug is firmly connected to the BRUNTON Sync.
7. Plug the USB 2.0 into a USB jack on your computer.
8. Leave the unit in place until fully charged.
9. Disconnect the unit from the computer.
10. Return the USB 2.0 plug on the charging cable to its place on the unit.

IMPORTANT — the power output provided by USB Hubs will be determined by the model. Many are not independently powered and may not provide enough power to charge in the time estimates provided, if at all. We do not recommend this use for our Portable Power items. Plug your unit into a USB 2.0 outlet on your computer whenever possible.

### **Usage Instructions**

Charging with the BRUNTON Sync cable:

1. Fully charge your BRUNTON Sync unit.
2. Unplug the Mini USB connector from the side of the unit.
3. Plug the Mini USB connector into the electronic device needing power. Micro USB adaptor provided with the unit can be used if needed.
4. Wait until the electronic device is fully charged.
5. Unplug the Mini USB cable from the electronic device and reseat it in the BRUNTON Sync.
6. Recharge unit as necessary.

### **Charging with a USB cable that was supplied with your 5V electronics**

1. Fully charge your BRUNTON Sync unit.
2. Unplug the Mini USB connector from the side of the unit.
3. Plug the USB cable supplied with your portable electronic device into the USB port on the BRUNTON Sync. Plug the other end of your cable into the electronic device needing power.
4. Wait until the electronic device is fully charged.
5. Unplug the cable from the electronic device and from the BRUNTON Sync.
6. Reseat the mini USB connector into the port on the BRUNTON Sync.
7. Recharge unit as necessary.

Note: if you need another adaptor to use with your BRUNTON portable power product, please visit our website at [www.brunton.com](http://www.brunton.com).

### **Brunton limited warranty**

BRUNTON warrants this product to be free of defects in materials and workmanship for a period of one year. This warranty extends to the original purchaser for one year from the date of purchase.

This warranty is void and a charge for repair will be made if the product has been damaged by negligence, accident or mishandling, or has not been operated in accordance with standard operating procedures, or if the product was altered or repaired by other than a BRUNTON repair facility.

This warranty gives you specific legal rights, and you also have rights which vary from state to state. No other warranty, expressed or implied applies to this BRUNTON product.



Nor is any person or company authorized to assume any other warranty for BRUNTON. BRUNTON does not assume any responsibility for any consequential damage occasioned by this product. Should the product prove defective, contact BRUNTON and you will be provided with a Return Authorization Number (RA#) Send a copy of your proof of purchase, the RA#, a short description of the problem and the product to BRUNTON at the following address. BRUNTON suggests insuring the product in case of damage or loss in shipment.