IMPORTANT SAFETY INFORMATION

Please read this manual in its entirety before operating your Bushnell POWERSYNC™ product. It contains important information concerning the setup, operation and maintenance of the product. Keep this manual for future reference.

- **WARNING:** This product should only be used with the supplied charging unit and accessories (not included with all models). Use of a charger or accessories not recommended or supplied by Bushnell may result in product damage, fire, electrical shock or injury, and will void your product warranty.
- **CAUTION:** Do not use the product to charge an external device at the same time as the internal battery is being charged (by the AC wall charger or by the solar panels).
- **CAUTION:** Do not operate the product in an environment where temperatures exceed 112°F/45°C.
- **CAUTION:** Do not submerge the product in water, or attempt to operate the product after it has been exposed to water.
- **CAUTION:** Do not attempt to open the product. There are no user serviceable internal parts. Disassembling the product will void your warranty. The rechargeable battery must be replaced by a qualified technician.
- **CAUTION:** Check adaptors for correct fit and compatibility before using the product to charge electronic devices. Improperly used adaptors can be a shock hazard and may damage the electronic device.
- **CAUTION:** Before operating the product or connecting it to any other device, check to ensure that all cables are not damaged. Extreme heat, water, petroleum products and sharp edges all have the potential to damage cables. Do not use any cable with exposed wiring.
- **CAUTION:** Charge your connected devices in an area away from the direct sun if possible.
- **WARNING:** EXPLOSION HAZARD! - Do not incinerate any Bushnell POWERSYNC product, or attempt to use it in a microwave oven.
- **WARNING:** Bushnell POWERSYNC products are not intended for powering any medical equipment, life support devices, or any other critical equipment.
- **CAUTION:** Do not clean your Bushnell POWERSYNC product with anything other than a damp rag. The use of cleaning chemicals or other products may harm the unit and will void your warranty.
- Do not dispose of any Bushnell POWERSYNC product as you would normal household trash. Please contact your local government authority for directions regarding the proper disposal of products containing a Lithium Ion battery.

PACKING LIST

This POWERSYNC model includes the following items:

- SolarBook (Model PP1085 or PP1060)
- USB Cable
- AC Wall Charger
- Quick Start Guide
HOW THE SOLARBOOK WORKS

The SolarBook™ uses an advanced solar panel technology that is flexible, water resistant and durable. An on-board dual lithium ion battery stores electrical energy collected by the solar panel, so it can be used to recharge your portable electronic devices even at night or on a cloudy day. The SolarBook battery can also be charged from an AC outlet, ready to provide immediate power on demand. After the battery power is depleted, fold out the solar panel and let the sun charge it during the day, so you can recharge your devices anytime.

**FROM CHARGER USB PORT**
(standard USB plug)

**TO SolarBook**
INPUT PORT
(micro USB plug)

**INPUT**—Used for charging the SolarBook internal battery from wall charger. LEDs indicate charge status.

**POWERSYNC POWER GAUGE**
(LED Battery Status Indicators)

**FROM SolarBook**
OUTPUT PORT
(standard USB plug)

**TO PORTABLE DEVICE**
CHARGING PORT*
(micro USB plug)

**OUTPUT**—Used for charging your device(s) from the SolarBook’s internal battery (once charged via solar energy or wall charger).

* Use USB charging cable included with your device if this connector is not compatible.
**CHARGING THE SOLARBOOK FROM THE WALL CHARGER**

Connect USB cable to micro-USB INPUT port (A) from the USB port on the supplied AC charger (pg. 2), and plug it into a wall outlet (100-240v). Press the Power button. All four LEDs on the Power Gauge (Fig. 1) will light up (for 10 min.) when the SolarBook’s internal battery has been fully charged (you may leave it connected to the charger overnight without risk of overcharging), and you’re ready to connect and charge your device.

**CHARGING THE SOLARBOOK FROM THE SUN**

Flip open the two clamps at the front end of the SolarBook and open the lid (C). Unfold all the solar panels out to full length. Place the SolarBook in a location where all the solar panel surfaces will be exposed to as much direct sunlight as possible (D). The hang tabs on the battery cylinder of the SolarBook (E) can be used to stake it to the ground to keep it securely in place on a windy day, or hang it from a tree or your backpack with carabiners. Allow up to 4 hours (PP1085) or 6 hours (PP1060) to solar charge the internal battery from a fully discharged condition. The Power Gauge LEDs near the INPUT port will monitor the charge level (Fig. 1). All four LEDs on the Power Gauge will light up (for 10 min.) when the SolarBook’s internal battery has been fully charged, and you’re ready to connect and charge your device.

**CHARGING YOUR DEVICE FROM THE SOLARBOOK**

Press the power button on the INPUT end of the battery cylinder (A) to check the SolarBook’s charge status, then connect the supplied USB cable from the OUTPUT port (B) of the SolarBook to your device to recharge it. If your device uses a non-standard type of connector, use the cable that came with it to connect to the SolarBook’s OUTPUT port. Check the charge indicator on your device to determine when it’s ready to use.

**STORING & TRANSPORTING THE SOLARBOOK**

Fold the solar panels back up, starting at the end, with the solar side facing inward. Fasten the lid in place to help keep the panels protected from accidental damage when you are charging your device from the SolarBook’s battery, and anytime you transport the SolarBook to a new location. Cover the INPUT and OUTPUT ends of the battery cylinder with the attached caps when storing or transporting the SolarBook, to help keep dirt and debris out of the USB ports.
The 4 LED charge indicators on the INPUT end of the battery cylinder (F) allow you to monitor the status of the SolarBook’s internal battery. While the battery is charging from the AC wall charger or the solar panels, the LEDs will light up in sequence to show the charge level as shown in Fig. 1. The LED indicating the current battery level will blink rapidly while charging. When charging is complete, all LEDs remain on for 10 min., then shut off until the Power button is pressed.

While the SolarBook is charging your connected device (Power button must be pressed), the LEDs will monitor the SolarBook’s battery level as shown in Fig. 2, with a single LED blinking once every 15 sec. (indicates active charging but conserves battery power).

**UNDERSTANDING THE POWERSYNC POWER GAUGE**
UNDERSTANDING THE POWERSYNC POWER GAUGE

You can also check the current level of the SolarBook’s battery charge anytime by pressing the Power button, even when it is not connected to the charger or an external device. The LEDs will glow steadily to indicate the charge level % as shown in Fig. 3., then shut off after 10 seconds.

![Fig. 3 Checking Charge Level](image)

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>PP1085 (SolarBook 850)</th>
<th>PP1060 (SolarBook 600)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>24 oz / 680 g</td>
<td>23 oz / 652 g</td>
</tr>
<tr>
<td>Size</td>
<td>9.25 x 8.3 in. (53.25 in. fully extended)</td>
<td>9.25 x 8.3 in. (47.25 in. fully extended)</td>
</tr>
<tr>
<td>Charge Time (Wall Charger)</td>
<td>approx. 6-8 hrs.</td>
<td>approx. 6-8 hrs.</td>
</tr>
<tr>
<td>Charge Time (via solar panel)</td>
<td>approx. 4-6 hrs. (variable due to weather conditions, position, etc.)</td>
<td>approx. 4-10 hrs. (variable due to weather conditions, position, etc.)</td>
</tr>
<tr>
<td>Power Output</td>
<td>5 volts, 1 amp (1000 mA)</td>
<td>5 volts, 1 amp (1000 mA)</td>
</tr>
<tr>
<td>Internal Battery Type</td>
<td>Dual Lith Ion</td>
<td>Dual Lith Ion</td>
</tr>
<tr>
<td>USB Inputs / Outputs</td>
<td>1 / 2*</td>
<td>1 / 2*</td>
</tr>
<tr>
<td>Operating Temp. Range</td>
<td>-4 ~ 112°F (-20~44°C)</td>
<td>-4 ~ 112°F (-20~44°C)</td>
</tr>
<tr>
<td>Storage Temp. Range</td>
<td>-4 ~ 140°F (-20~60°C)</td>
<td>-4 ~ 140°F (-20~60°C)</td>
</tr>
<tr>
<td>Recommended Devices/# of Charges** (from fully charged internal battery)</td>
<td>Cell Phones (inc Smartphones)/2x, MP3 Players/3x, Digital Cameras/5x, Tablet/0.5x. Note: Tablets and other devices have higher power requirements and may not attain a full charge from the SolarBook battery.</td>
<td>Cell Phones (inc Smartphones)/2x, MP3 Players/3x, Digital Cameras/5x, Tablet/0.5x. Note: Tablets and other devices have higher power requirements and may not attain a full charge from the SolarBook battery.</td>
</tr>
</tbody>
</table>

* Two devices may be charged simultaneously. They will not charge any slower than if only one device was connected, however the SolarBook’s internal battery charge will be depleted more rapidly.

** Rechargeable batteries in electronic devices charge at different rates, depending on many factors including temperature, age and circuit design. Bushnell provides examples of charges per device, based on typical product use and are not intended to be specific to any single device.

ATTENTION!

The PP1085/PP1060 is protected from static shock.
If the unit does not turn on after depressing power button, please hold down power button for 2 seconds or until light activates.

Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.
FCC Compliance Statement

This device complies with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation of this device is subject to the following conditions; (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device does not contain any user-serviceable parts. Repairs should only be made by an Authorized Bushnell repair center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and will void your warranty and your authority to operate this device under Part 15 regulations.

The shielded interface cable which is provided must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.