Thank you for purchasing the new Oregon Scientific™ solar charger (ES062). The ES062 is a portable back-up battery can be used on-the-go. Its innovative and versatile design allows you to charge Smartphones or tablets simultaneously utilizing the dual USB charging ports. With front solar panel and USB charging options, it gives you the freedom to re-charge wherever you are. Providing power at your fingertips, Solar Charger is the perfect green charging solution for all your on-the-go charging needs.

Features:
- Portable power bank with dual charging option – Solar powered or via Standard USB
- Compatible with most Smartphones and tablet devices
- Smart LED charging and discharging status indicator
- Automatic device charging detection
- Input USB cable and Output Micro-USB charging cables included
- Made with crystal silicon solar panel

NOTE: This manual contains important safety and product care information, and provides step-by-step instructions for using this product. To get the greatest benefit from your purchase, read the manual thoroughly, and keep it in a safe place in case you need to refer to it later.

**IMPORTANT:** Do not immerse the Solar Charger in water.

**OVERVIEW**

**CHARGE THE SOLAR CHARGER**

The Solar Charger can be charged from three different interfaces:

1. Charge via standard USB port Suggested charging time: 10-12 hours
2. Charge via USB AC adapter (5V/1A adapter, not included) Suggested charging time: 6-8 hours
3. Charge via solar power

3. Charge via solar power

 expose the face of the solar panel to full sunlight condition. The first LED red indicator light will go on indicating that the charging is beginning. The charging current depends on the intensity of particular sunlight, which takes longer time. We highly recommend the USB charging as the first priority.

**NOTE:** When purchasing a new WEEE, pursuant to and in accordance with Article 14 as implemented in the country.

**POWER BUTTON**

After cable connection with your device, press the power button to start charging.

**LED INDICATOR**

The front panel of your Solar Charger has four LED lights to show the charging status, working status and the remaining power level as follow:

<table>
<thead>
<tr>
<th>LED</th>
<th>Charge Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 LED on</td>
<td>50%-40% charge</td>
</tr>
<tr>
<td>2 LED on</td>
<td>40%-25% charge</td>
</tr>
<tr>
<td>3 LED on</td>
<td>25%-10% charge</td>
</tr>
<tr>
<td>4 LED on</td>
<td>Less than 10% charge</td>
</tr>
</tbody>
</table>

**CHARGE ELECTRONIC HANDHELD DEVICES**

1. Universal USB output

Press the button and connect the device into your devices. Meanwhile, the power indication lights will go gradually.

2. Micro USB output

Take out the built-in Micro USB cable and connect to the device with Micro USB input, press the button, then charging begins. LED indicators will go down one by one, all LED lights go off without power.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension (L x W x H)</td>
<td>71.5mm x 124mm x 16mm</td>
</tr>
<tr>
<td>Weight</td>
<td>145g</td>
</tr>
<tr>
<td>Power display</td>
<td>4 LED indicators show power level</td>
</tr>
<tr>
<td>Battery type</td>
<td>Lithium polymer</td>
</tr>
</tbody>
</table>

**IMPORTANT:**
1. The surface of your device will get hot if it is charged for a long time.
2. For safety precaution in case of consumption of current higher than 2A, the output charging will be automatically turned off.

**CERTIFICATE OF GUARANTEE**

(Referred to as this “Guarantee” or as a “Warranty”) issued by Oregon Scientific (UK) Limited (“Oregon Scientific”), a company registered in England under number 03506788 having its registered office at Suit 35 Old Bank House 35 High Street, High Wycombe Buckinghamshire, HP11 2AQ, UK

Help Line Telephone Number: 0871 222 1966 (09:00 a.m.-18:00 p.m.)
E-Mail: Technical@oregonscientific.com

Product Model: ES062
Product Type: Color
Product Name: Solar Charger
Product Specification:
1. Charge via standard USB port Suggested charging time: 10-12 hours
2. Charge via USB AC adapter (5V/1A adapter, not included) Suggested charging time: 6-8 hours
3. Charge via solar power

By this consumer Guarantee, Oregon Scientific guarantees the Product to be free from defects in materials and workmanship for a period of 1 (one) YEAR from the date of its original purchase. If during this period of guarantee the Product proves defective due to improper materials or workmanship, the Product should be taken to the place of purchase, accompanied by the original sales receipt, whereupon you will be entitled to either a replacement (if available) or, at the discretion of the dealer a refund in full.

Oregon Scientific accepts no responsibility for Products returned to its own premises.

**INFORMATION FOR USERS**

Pursuant to and in accordance with Article 14 of the Directive 2012/19/EU of the European Parliament on waste electrical and electronic equipment (WEEE), Oregon Scientific is required to inform the user to dispose of the Product to be free from electrical and electronic equipment. The barred symbol of the rubber bin shown on the equipment indicates that it is for the proper disposal of the Product.

Please note that the batteries / rechargeable batteries must be removed from the equipment before it is given as waste. To remove the batteries / rechargeable batteries, refer to the specifications in the user manual. Therefore, any products that have reached the end of their useful life must be given to waste disposal centres specialising in separate collection of waste electrical and electronic equipment, or given back to the dealer where you are purchasing a new WEEE, pursuant to and in accordance with Article 14 as implemented in the country.

The adequate separate collection for the subsequent starting-up of the equipment sent to be recycled, treated and disposed of in an environmentally compatible way contributes to preventing possible negative effects on the environment and health and optimises the recycling and reuse of components making up the apparatus.

Abusive disposal of the product by the user involves application of the administrative sanctions according to the laws in force.

**PRECAUTIONS**

- Do not puncture, throw, drop, bend or modify your ES062.
- Do not expose the battery to fire or excessive heat.
- Do not short-circuit the battery with lead or any metal objects.
- Do not transport or store the battery with metal objects such as nail clippers.
- Avoid static electricity, strong magnetic fields and radiation.
- Do not disassemble the battery pack or change its structure.
- Stop using the battery when it generates unusual smell, heating, distortion or any other abnormality.
- Do not allow children to play with ES062.
- Use the battery in dry locations only.
- Do not clean with abrasive and corrosive substances and materials or alcohol, but with a damp cloth.

**ABOUT OREGON SCIENTIFIC**

Visit our website www.oregonscientific.com to learn more about Oregon Scientific products. For any enquiry, please contact our Customer Services at info@oregonscientific.com.

Oregon Scientific Global Distribution Limited reserves the right to interpret the terms, conditions and provisions in this user manual and to amend it, at its sole discretion, at any time without prior notice. To the extent that there is any inconsistency between the English version and any other language versions, the English version shall prevail.

**EU-DECLARATION OF CONFORMITY**

Hereby, Oregon Scientific, declares that Solar Charger (model: ES062) is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC. A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.

**NOTE:**
- Do not immerse the Solar Charger in water.
- Do not place the charger in any textile item.
- Do not transport or store the battery with metal objects such as nail clippers.
- Avoid static electricity, strong magnetic fields and radiation.
- Do not disassemble the battery pack or change its structure.
- Stop using the battery when it generates unusual smell, heating, distortion or any other abnormality.
- Do not allow children to play with ES062.
- Use the battery in dry locations only.
- Do not clean with abrasive and corrosive substances and materials or alcohol, but with a damp cloth.

If the battery is fully charged, all four LED indicators are on and the forth LED does not flash.

This Guarantee does not affect the consumer's statutory rights under applicable national laws in force, nor the consumer’s right against the dealer arising from their sales/purchase contract.
### INTRODUZIONE

Ti ringraziamo per aver acquistato il nostro innovativo Oregon Scientific™ Solar Charger ES062. Per accertarti di ricaricare i tuoi dispositivi mobile in modo efficace e sicuro, qui troverai le informazioni necessarie per una corretta installazione e usato il Solar Charger.

### RICARICA

E’ possibile caricare il Solar Charger in tre modi:

1. **Tramite USB con alimentatore AC 5V/1A (non incluso).**

   Tempo di ricarica suggerito: 10-12 ore

2. **Tramite porta USB.**

   Caratteristica: 2.1A
   Tempo di ricarica suggerito: 15-17 ore

3. **Tramite pannello solare.**

   Caratteristica: 3.7V/4.000mAh
   Tempo di ricarica suggerito: 15-17 ore

NOTA: La batteria è completamente carica quando i 4 LED illuminati sono tutti accesi in verde.

### RICARICA DEI DISPOSITIVI MOBILE

1. **Cavo USB output**

   Premere il pulsante di accensione e collegare il proprio dispositivo, il LED verde si illuminerà in verde a seconda del livello di carica.

2. **Micro USB output**

   Estruire il cavo Micro USB dal suo scompartimento, collegare il proprio dispositivo e premere il pulsante di accensione, la ricarica avrà così inizio. Gli indicatori LED si spegneranno uno dopo l’altro.

### PRECAUZIONI

- Non lasciare il Solar Charger in luoghi aperti o alla luce diretta del sole.
- Evitare esposto al fuoco o a fonti di eccessivo calore.
- Non permettere ai bambini di giocare con ES062.
- Non forare, lanciare, far cadere, piegare o apportare modifiche al prodotto.
- Assicurati che il LED di accensione sia acceso quando carichi.
- Non immergere il Solar Charger in acqua.

### SPECIFICHE TECNICHE

- **Modulo DESCRIZIONE**
  - Dimentioni (L x W x H): 17.5mm x 124mm x 16mm
  - Peso: 145g
  - Indicatori LED: 4 indicatori LED luminosi mostrano il livello di carica
  - Batteria: 3,7V / 4.000mAh
  - Pannello solare: 5,5V / 220mA
  - Batteria ricaricabile: 3,7V / 4.000mAh
  - Input: Micro USB 5V/1A Cavo USB 5V/1A
  - Output: 5V/2,1A Porta USB

### CERTIFICATO DI GARANZIA

Siamo Oregon Scientific, Global Distribution Limited e ci riserviamo il diritto di interpretare e definire eventuali termini, contenuti e disposizioni riportati in questo manuale per l’utente e di modificare, a sua discrezione, la loro esatta descrizione, a qualsiasi momento e preavviso. Nella misura in cui risulteranno incongruenze tra la versione inglese e quella in altre lingue, farà fede la versione inglese.

### INFORMAZIONI SU OREGON SCIENTIFIC

Per maggiori informazioni sui nostri prodotti, visita il sito [www.oregonscientific.com](http://www.oregonscientific.com)

Per richiedere informazioni, contatta il nostro servizio clienti all’indirizzo info@oregonscientific.com

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### UE – DICHIARAZIONE DI CONFORMITÀ

Con la presente, Oregon Scientific dichiara che questo Solar Charger (modello ES062) è conforme ai requisiti direttive 2014/53/UE e 2011/65/UE. La copia della Dichiarazione di Conformità firmata e datata è disponibile a richiesta tramite il nostro servizio clienti Oregon Scientific.

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**Informazioni sulla Sicurezza e Rifiutabilità:**

- **Smaltimento Corretto:**
  - Batteria ricaricabile 3,7V/4.000mAh
  - Batteria di testa (LR 6) 4.5V/100mAh
  - Alimentatore AC 5V/1A
  - Micro USB

- **Casi di Non-conformità:**
  - Sostituzione di batteria o accessori non autorizzati
  - Modifiche al prodotto
  - Manomissioni o cavi danneggiati
  - Smaltimento errato

- **Informazioni sul Rifiutamento:**
  - La batteria non deve essere smaltita con i rifiuti domestici. La batteria che non viene smaltita correttamente può causare danni ambientali e sanitari.

- **Comunicazione al Cliente:**
  - Se il prodotto non è conforme alle direttive e normative europee, non dovrebbe essere smaltito come rifiuto.

- **Comunicazione al Dipartimento:**
  - Se il prodotto non è conforme alle direttive e normative europee, non dovrebbe essere smaltito come rifiuto.