INTRODUCTION

Thank you for purchasing the new Oregon Scientific™ solar charger (ES063). The ES063 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 with 30 pin & 8 pin charging plug for smart phone
• Made with crystal silicon solar panel

NOTE: This manual contains important safety and product care information. It is highly recommended that you read the manual thoroughly, and keep it in a safe place in case you need it later to refer to it.

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

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

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 quality of the sunshine. The stronger the light is, the faster the battery will be charged.

Suggested charging time: 15 - 17 hours

NOTE: Charging through the solar panel is an auxiliary method of a normal USB charging. The solar charging time depends on the intensity of particular sunlight, which takes longer time. We highly recommend the USB charging as the first priority.

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 as follows:

1. LED on 100 - 90% charge
2. LED on 90 - 85% charge
3. LED on 85 - 80% charge
4. LED on 80 - 75% charge

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1. LED on 100 - 90% charge
2. LED on 90 - 85% charge
3. LED on 85 - 80% charge
4. LED on 80 - 75% charge

1. The number of LED lights is reduced as the battery is charging.
2. The LED indicators will go down one by one, all LED lights go off without power.

CHARGE ELECTRONIC HANDHELD DEVICES

1. Universal USB output

Press the button and connect the product 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, lock 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>
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<tbody>
<tr>
<td>Dimension (L × W × H)</td>
<td>71.5 mm × 124 mm × 16 mm</td>
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**INTRODUZIONE**

Ti ringraziamo per aver acquistato il nuov Oregon Scientific™ Solar Charger (ES063). ES063 è il compagno di viaggio ideale, ovunque tu sia, per non rimanere mai senza energia!

**Caratteristiche:**
- 2 opzioni di ricarica, tramite pannello solare o cavo USB
- Compatibile con la maggior parte di Smart Phones e Tablets
- 4 Indicatori LED luminosi di colore verde mostrano lo stato di carica del pannello solare
- Indicatore LED di colore rosso mostra la quantità di energia immagazzinata

**Prodotto**

- **Tecnologia:**
  - Micro USB Input
  - Pannello solare
  - Batteria Polimeri di litio

**Ricarica**

E' possibile caricare il Solar Charger in tre modi:

1. Tramite porta USB

   Tempo di ricarica suggestivo: 10-12 ore

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

   Tempo di ricarica suggestivo: 6-8 ore

**NOTA:**

- La batteria è completamente caricata quando i 4 LED luminosi sono accesi.
- Sostituire la batteria con prodotti nuovi di colore e caratteristiche uguali, o riserva il diritto (a sua unica discrezione) di riparare i prodotti difettosi nei termini e alle condizioni sotto indicate, senza alcun addebito per Scientific Italia, a titolo di sostituzione di parti soggette a normale usura e logorio.

**PULSANTE DI ACCENSIONE**

Dopo aver collegato il Solar Charger al proprio dispositivo, premere il pulsante di accensione per avviare la carica.

**INFORMAZIONI SUI OREGON SCIENTIFIC**

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

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

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**INFORMAZIONI AGLI UTENTI SULLO SMALTIMENTO DEI RIFIUTI**

Con la presente, Oregon Scientific dichiara che questo Solar Charger (modello: ES063) rispetta le direttive EMC 2004/108/EC. 

Per potenziare le prestazioni rispetto a quelle descritte nel manuale d'uso e di manutenzione.

- g. Accessori, e comunque la garanzia decade automaticamente nei casi in cui il prodotto sia stato alimentato da fonti di tensione errate, usato in modo non conforme o che non può essere utilizzato per motivi di sicurezza.

**IMPORTANTE**

- Non immergere il Solar Charger in acqua.
- **IMPORTANTE**
  - Non esporre il dispositivo al fuoco o a fonti di eccessivo calore.
  - Non avvilire il Solar Charger a piombo o a qualsiasi oggetto metallico per evitare corto circuito.
  - Non trasportare o conservare il Solar Charger insieme a oggetti metallici.
  - Evitare eccesso calore, fortii camagni e radiazioni.
  - Non smontare il Solar Charger.
  - Non utilizzare il Solar Charger quando si verificano odori inusuali, eccessivo calore, o qualsiasi avvenimento al di fuori del normale.
  - Non permettere ai bambini di giocare con il Solar Charger.
  - Utilizzare il dispositivo solo in luoghi asciutti.
  - Non pulire il prodotto con sostanze rappresentanti alcol, abrasivi, corrosivi o benzine.

**INFORMAZIONE AGLI UTENTI SULLO SMALTIMENTO DEI RIFIUTI**

Alcuni prodotti contengono componenti che devono essere smaltiti separatamente. 

- id. I prodotti e gli accessori non prodotti da Oregon Scientific, ma indicati in questo manuale, dovrebbero essere smaltiti in modo adeguato e responsabile.

- ii. Interventi di riparazione da parte di personale non autorizzato o non istruito.

- iv. Eventi fortuiti, fulmini, allagamenti, incendi, errata ventilazione o altre cause non imputabili a Oregon Scientific.

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