

# Surfr™ iPhone 6

## Battery & Solar Case

### Made for:

- iPhone 6

### A. Installation

1. Remove the top cover so it does not impede the insertion of the phone
2. Slide the phone into the case from the top, seating it firmly on its connector
3. Replace the top cover (see attached diagram)
4. Remove the protective film from the solar panel, the case is now ready to use

### B. Operating Instructions

1. Please use the included Micro USB cable to charge the EnerPlex Surfr. First place your phone securely in the EnerPlex Surfr and then connect the battery pack to a power source via the USB cable. The power source will charge the phone and the EnerPlex Surfr at the same time.
2. To charge your iPhone with the EnerPlex Surfr, locate the switch on the back of the case and slide it. The four LEDs indicate the Surfr's charge level; each LED represents 25% charge. If no blue lights illuminate, then the Surfr requires charging.
3. When there is no electrical source available, place the EnerPlex Surfr under the sun or very strong light with the solar panel facing upward. The Red LED light will illuminate automatically, indicating the integrated solar panel is charging the EnerPlex Surfr battery. For best solar charging, angle your EnerPlex Surfr towards the sun.

### C. Important Safety Instructions

1. Be cautious of excessive drops, bumps, abrasions, or other impacts to the EnerPlex Surfr solar battery case.
2. Do not expose the EnerPlex Surfr to wet or damp conditions.
3. Do not use near or on heat emitting appliances.
4. Do not attempt to open, disassemble, or replace any spare parts in the EnerPlex Surfr.
5. The EnerPlex Surfr may become somewhat warm during charging, this is normal.
6. Do not throw away the EnerPlex Surfr unit, please bring used units to your local recycling center.
7. The EnerPlex Surfr is not intended for use by young children without supervision.

## D. Warnings

1. Please read the instructions carefully
2. Do not place the EnerPlex Surfr in a hot enclosed area (such as a parked car in summer time), the heat may cause damage to the phone or case.
3. Do not expose or immerse in water, the moisture may cause permanent damage to the case and void the warranty.

## E. Electrical Characteristics

Battery Capacity: 3,000 mAh (~90%+ maximum charge)

Battery Type: Li-ion Polymer

Primary Input: 5V DC 1000 mA (min)

- Full charge of Surfr in 3 hours
- Full charge of Surfr and Phone in 6 hours
- Primary charging via included micro USB cable

Secondary Input: CIGS Photovoltaic panel (integrated)

- 0.38 Watts at STC Conditions (STC is Standard Testing Conditions, 25°C, 1000 W/m<sup>2</sup>, AM1.5)
- Full charge of EnerPlex Surfr under STC in 24 to 34 hours
- Charging time under real world conditions will vary significantly depending on light sources, sun intensity, and temperature.

Output to Phone: 5.0V DC 1000 mA (max) lightning connector

## F. Physical Characteristics

Size: 152mm x 70mm x 14.8mm [6.1 x 2.9 x 0.58in]

Weight: 104 g (0.25 lb)

## G. Warranty/Standards

Warranty: For warranty information, go to [www.goenerplex.com](http://www.goenerplex.com)

Standards: Certified to CE, FCC and RoHS requirements



"Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone may affect wireless performance.

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Rev. 6-1-15