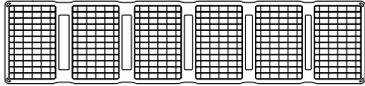


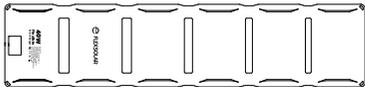
# 40W FLEXIBLE SOLAR CHARGER

## User Manual

---Please read carefully before using



Front View (unfolded)



Back View (unfolded)

• Suitable for all electronic products:



- Tablets, iPad, iPhone, iPad, etc.
- All Phones (Samsung, Huawei, MIUI, etc)
- MP3 MP4 electronic devices
- Digital photo frames, mini speakers
- PSP, Switch, GBA game machines
- Handheld GPS navigation systems

## 6 MAINTENANCE

Clean the surface of the solar panel when needed. Always use a soft sponge or cloth for cleaning. A mild, non-abrasive cleaning detergent may be used to remove stubborn dirt. Don't clean when the panel surface is hot.

Clean solar panels more frequently during drier months, as they may become covered in dust more quickly. A pressure washer is not recommended.

Caution: Observe the maintenance instructions for all components used in the system, such as support frames, charge controller, batteries, etc.

## 7 WARRANTY STATEMENT

FLEXSOLAR® warrants to the original consumer purchaser that the FLEXSOLAR® product will be free from defects in workmanship and material under normal consumer use during the applicable warranty period identified in the 'Warranty Period' section below, subject to the exclusions set forth below. This warranty statement sets forth FLEXSOLAR® total and exclusive warranty obligation. We will not assume, nor authorize any person to assume for us, any other liability in connection with the sale of our products.

### Warranty Period:

The warranty period is 24 months. In each case, the warranty period is measured starting on the date of purchase by the original consumer purchaser. The sales required in order to establish the start date of the warranty period.

### Remedy:

FLEXSOLAR® will repair or replace (at FLEXSOLAR® option) any FLEXSOLAR® product that fails to operate during the applicable

## 1 GENERAL

Thanks for purchasing this FLEXSOLAR® product. Before operating, please read these instructions carefully. This instruction manual contains information for safe use and maintenance of the product. Before using a solar photovoltaic system (including cable, power station or other electric equipment), the user should be familiar with the mechanical and electrical requirements for photovoltaics systems.

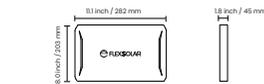
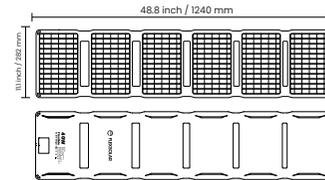
**Please keep this instruction manual in a safe place of future reference.** The manufacturer does not accept responsibility for any damages due to not following these instructions.

## 2 PRODUCT OVERVIEW

### 40W FLEXIBLE SOLAR CHARGER (E40, FLC-E6-200400-3)

FLEXSOLAR solar panel are made of monocrystalline solar cells in series with high efficiency, high transmission rate, and anti-aging EVA. They are designed for easy use, extended longevity and portable operation.

#### Unfolded View of the 40W Flexible Solar Charger



## 3 SPECIFICATIONS

### Parameter of E40

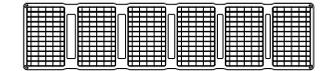
Max Power Voltage (Vmp)	40W
Maximum Power (Pmax)	19.8V
Max Power Current (Imp)	2.0A
Open Circuit Voltage (Voc)	23.7V
Short Circuit Current (Isc)	2.1A
Cell Efficiency	24%
Cell Type	Monocrystalline
Power tolerance	± 10%
Temperature Co-efficient (Power)	-0.45%/K
Temperature Co-efficient (Voltage)	-0.32%/K
Temperature Co-efficient (Current)	+0.02%/K
NOCT (Air 20°C, Sun 0.8kW/m², wind 1m/s)	45±2°C
Weight	1300 g / (45.9 ounces)
Operation Temperature	-4°F to 149°F (-20°C to 65°C)
IP Rating	IP67

### Output and Accessories of E40

Category	Location	Description	Cable Length	Wire Sepc-ification	Remark
Output Ports	From Junction Box	USB QC3.0	/	/	Built In
		USB C PD2.0	/	/	
		DC 5521	/	/	
Accessories	/	Carabiner	/	/	2

## 4 WHAT IS IN BOX

Make sure you have all the following items included in the package. If any item is damaged or missing, contact us.



E40



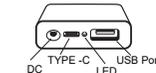
Carabiner

## 5 OPERATION

### Charging Electronic Devices

Unfold the solar panel under direct sunlight for 5 seconds, connect solar charger with the electronic device through power output cable (see picture 1), the charging signal will be shown on your electronic device; or if the sunlight is not sufficient, the solar charger can be connected with power bank for energy storage.

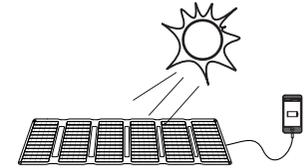
#### Junction box of back view



LED indicate:

Middle LED

Red light once get light



※ When the charger is connected as instructed above, the electronic device shows: "Charging is temporary unavailable" or no sign for charging. Please pull out the output cable and reconnect, or adjust the angle of the charger to expose more sunlight.

※ The mobile USB device will indicate it is charging as well as the LED lights on the solar panel.

warranty period due to defect in workmanship or material. If a valid claim is made during the applicable period, FLEXSOLAR®, at its option, will either (1) replace the product, or (2) exchange the product with a product that is of equal value. A replacement product assumes the remaining warranty of the original product or 60 days from the date of replacement, whichever is greater. Customer is responsible for the return shipping costs.

### Limited to Original Consumer Buyer:

The warranty on FLEXSOLAR® products is limited to the original consumer purchaser.

### Exclusions:

FLEXSOLAR® warranty does not apply to (i) any product that is misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in FLEXSOLAR® current product literature, or (ii) any product purchased through an online auction house.

### How to Receive Service:

To obtain warranty service, you must contact our customer service team. If our customer service team determines that further assistance is required, they will give you a Return Material Authorization ("RMA") number and will provide you with return instructions. You must properly package the product, clearly marking the RMA number on the package and including proof of your purchase date with the product. We will process your return and send your repaired or replacement product to you in continental North America.

### Exclusive Remedy; Limitation of Liability:

The foregoing provisions state FLEXSOLAR® entire liability, and your exclusive remedy, for any breach of warranty, express or implied.

IN NO EVENT WILL FLEXSOLAR® BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM ANY USE OR MALFUNCTION OF ANY FLEXSOLAR PRODUCT, OR FROM ANY BREACH OF WARRANTY, INCLUDING DAMAGE TO OTHER DEVICES. IN NO EVENT WILL FLEXSOLAR'S LIABILITY FOR ANY CLAIM, WHETHER IN CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR UNDER ANY OTHER THEORY OF LIABILITY, EXCEED THE AMOUNT PAID BY YOU FOR THE FLEXSOLAR® PRODUCT.

Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

## 8 PRODUCT MARK

### Product Label:



Model Type	FLC-E6-200400-3
Max Peak Power (Pmax [W])	40W
Maximum Power Point Voltage (Vmp [V])	19.8V
Maximum Power Point Current (Imp [A])	2.0A
Open Circuit Voltage (Voc [V])	23.7V
Short Circuit Current (Isc [A])	2.1A
Normal Operating Cell Temperature (NOCT)	45°C
Temperature Range (°C)	-20°C ~ +65°C
Power Tolerance	±10%
Application Class	Class A
Net Weight kg(lbs)	1300g(45.9 ounces)
Dimensions (unfolded) mm(in)	1240x282x3 mm/48.8x11.1x0.11 in
Dimensions (folded) mm(in)	282x203x45 mm/11.1x8.0x1.8 in

All technical data at Standard Test Condition (STC)  
Standard Test Condition (E=1000W/m², Tc=25°C, AM 1.5)



Only qualified personnel should install or perform maintenance work on these modules.  
This unit produces electricity if exposed to light.  
Follow all applicable electrical safety procedures.  
Don't disconnect when loading.  
Don't damage or scratch the surface of the modules.



### UPC code:



### Serial Number:



## INNOTECH ENTERPRISE LLC

Customer Support:  
800-620-1249  
support@flexsolarenergy.com  
flexsolarenergy.com

Innotech Enterprise LLC is a wholly subsidiary of Flextech Company.

FLEXSOLAR® is a registered trademark of Flextech Company.

\*All rights reserved.

©2013-2024 FLEXSOLAR® is a trademark licensed for use by Flextech Company and registered in the U.S.

