SUNSLICE
Energy anywhere

JUNCTION BOX

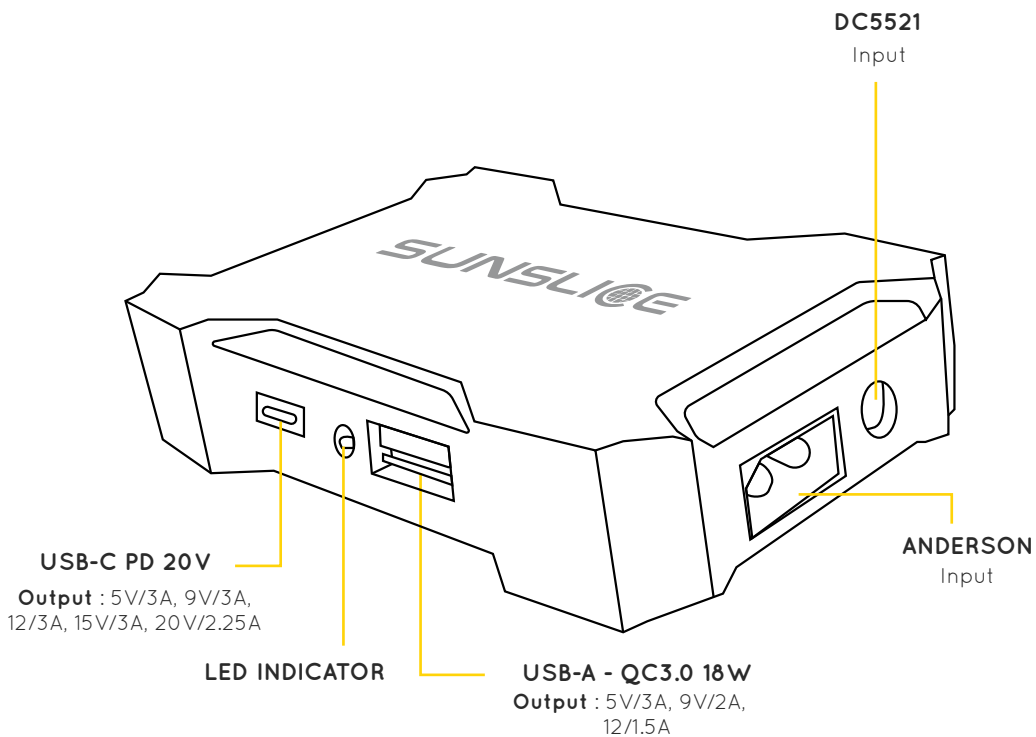## USER MANUAL

www.sunslice-solar.com

⊕ Table of contents

Click to go to the desired page

INTRODUCTION

The Sunslice junction box has been developed in order to provide USB connectivity from a range of unregulated DC power sources, for more flexibility and comfort.
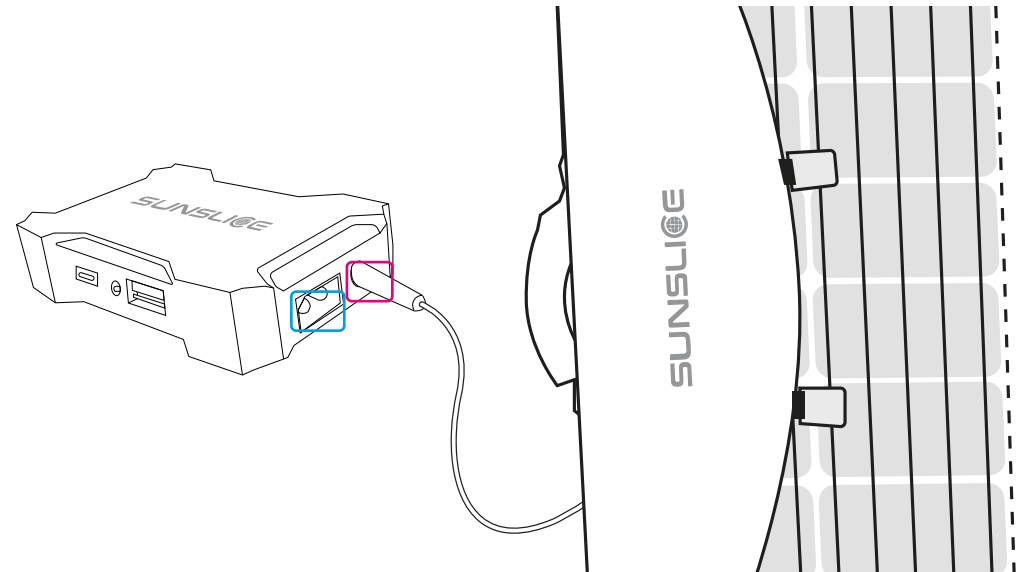
Geoffroy & Henri

PRODUCT OVERVIEW

DC5521
Input

USB-C PD 20V
Output : 5V/3A, 9V/3A, 12/3A, 15V/3A, 20V/2.25A

LED INDICATOR

USB-A - QC3.0 18W
Output : 5V/3A, 9V/2A, 12/1.5A

ANDERSON
Input

CONNECT THE POWER SOURCE TO THE JUNCTION BOX

CONNECT TO SOLAR PANELS

Connect your solar panel output to the **DC5521** or to the **Anderson** power input. Make sure your solar panel's open voltage does not exceed 42V. All of Sunslice's solar panels (Fusion 40, Fusion 100 and Fusion 150) will be perfectly compatible with the junction box.
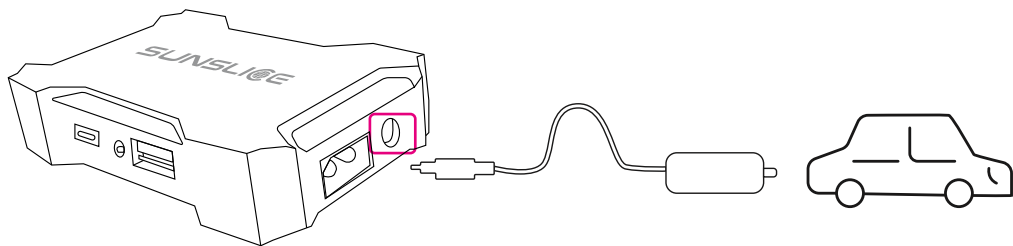

CONNECT A BATTERY

Connect your battery terminals to an adapter cable (available at Sunslice too), making sure to connect the red clip to the positive terminal of the battery, and the black clip to the negative terminal of the battery. Then, connect the DC5521 output to the Junction box.

CAR CIGARETTE LIGHTER OUTPUT

Connect a "Cigarette 12V charger to DC5521 adapter" (available at Sunslice too) to the junction box's input **DC5521** port.

SPECIFICATIONS

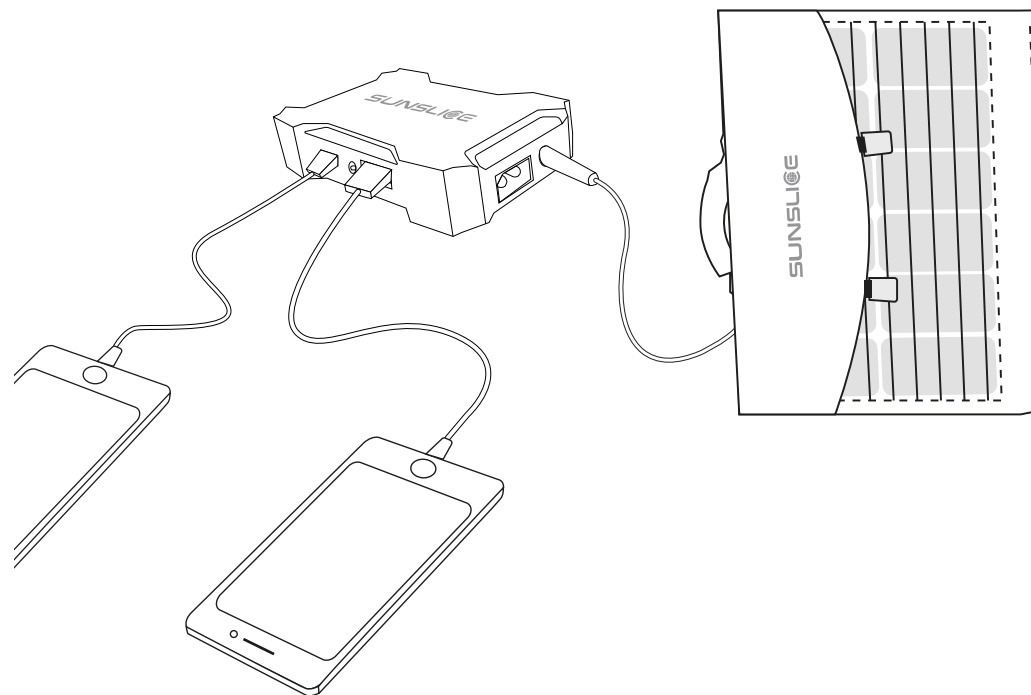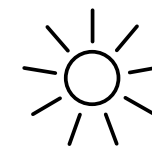|	
INPUT	Port DC5521 (36-42V)
	Port Anderson (36-42V)
TOTAL OUTPUT 45W MAX	USB-C PD 45W : 5V/3A, 9V/3A, 12/3A, 15V/3A, 20V/2.25A
	USB-A QC3.0 : 5V/3A, 9V/2A, 12/1.5A
SOLAR CHARGING STATUS	LED Indicator

GOOD TO KNOW

Please note that the input voltage must be higher than the charging protocol you plan to use. This means:

To charge a laptop with the USB-C 20V protocol, the input source must be higher than 20V. This would therefore not work with a 12V cigarette lighter output or a 12V battery, but would work with a 30V solar panel or a 24V battery.

Also, please note the power source must be sufficiently powerful to charge your device. This means:

A 20W solar panel would not be powerful enough to charge a laptop requiring 45W of power.

CHARGE YOUR DEVICE

Once the junction box is powered, the red LED indicator should turn on. You can now connect your laptop, smartphone or any other device to the special junction box's USB-A or USB-C port.

For the best charging experience, we recommend using only one output at a time.