



# 4G Wi-Fi Enabled Solar Charging Station

## THE RAYCATCHERLITE™



### Green

Solar Powered  
Zero Emissions  
Silent: No Noise Pollution

### Powerful

Powers/Charges 8 Cell Phones  
Powers/Charges 2 Laptops  
Runs On Solar/AC/Ext Batteries  
4G Wi-Fi "Hot Spot"  
Fast USB Charging Circuits  
Battery Back Up: 12 Hours

### Smart

High Gain Extended Range Antennas  
Fast Easy Setup, Plug And Play  
Lightweight: Under 24lbs  
Weather Proof Compact Case  
Folding Solar Panels W/Adjustable Legs  
Multi-use Car Style Power Port



## Power and Charge

- Laptops
- Smart Phones
- Cellular Phones
- AC Devices Under 200 Watts
- Camera Batteries
- Tablets
- Speakers

### The New RCLite has all of the features of the original RayCatcher at half the size and weight

The RayCatcherLite is a complete uninterrupted power supply in one extremely durable, compact weather proof case. It is designed to provide AC or DC power for charging phones, laptops and other electronic equipment. The RayCatcherLite can be configured as a Wi-Fi "Hot Spot", utilizing 4G/3G technology. The RayCatcherLite is a flexible power platform, perfect for multiple locations that pose power and internet access challenges. The ultra lightweight, high capacity battery provides power to charge eight phones, an internet router and two laptops simultaneously for up to 12 hours without an external AC or solar source.

## Sales and Rentals

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SOLARONSET.com

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## Standard Features

- Durable, compact, watertight case
- Qty (8) 2.1 Amp USB charging ports for all common mobile phones inc: iPhone, Droid and Blackberry
- Qty (1) 12V DC charging port
- Qty (2) 120V AC ground fault charging outlets (200 Watt maximum, 600 Watt surge)
- 30 Amp solar charger/controller
  - 100% solid state
  - LED's indicate battery status and faults
  - State of the art charging algorithm
  - Capable of 25% overloads
  - Lightning and transient surge protection
  - Automatic recovery
- 80 Watt foldable panels with cover
  - Convenient handle and closing latches
  - Adjustable free standing leg mounts
- 25 Foot cable with quick connect plugs
- Mission critical broadband router
  - 700 foot Wi-Fi line of site range with enhanced performance
  - Integrated 4G modem
  - 2 x 2 MIMO antenna system
  - Remote management available
  - Supports 64/128 bit WPA/WPA2 encryption
  - Supports up to 20 devices
- External battery connection included
- External solar panel connection included
- Ethernet connection to router available
- 20 Amp/hr. lithium ferrous phosphate battery
  - Ultra lightweight
- 200 Watt AC inverter
  - Pure sine wave, high efficiency,
  - extensive electronic protection
- Internal 120V AC battery charger activated when AC is plugged into the unit (in the event that solar is not available)

## Optional Features

- 120 Watt foldable solar panel
- "Y" solar panel cable with quick disconnects used to daisy chain solar panels for more power
- External battery available (supplements existing internal battery)
- High gain diversity external antennas

## Specifications

• Model Number	RayCatcherLite
• Outside Dimensions (W x D x H)	in 18.50 x 14.06 x 6.93 cm 46.99 x 104.3 x 17.6
• Shipping Weight	22 lbs
• Input Voltage Range	10V DC – 15.5V DC, 120V AC
• Output Voltage	5V DC, 12V DC, 120V AC +/- 10%
• Charge Algorithm	PWM, Constant Voltage
• Operating Temperature	
Electrical Components	-30° C to 45° C
LiPF Battery	-15° C to 40° C
• Low Voltage Disconnect	11.4 V DC
• Load Voltage Reconnect	12.6 V DC
• USB Charging Amperes	2.1 Amp (iPad compatible)
• AC Recharging Current	6 Amp at 14.6V DC
Max Recharge Time	9 Hours
• Wi-Fi Standards	IEEE 802.11 b/g/n
• Network Connections	Ethernet, Wlan
• Certifications	FCC, IE, CE, Wi-Fi Alliance
• Electrical Safety	UL/C – UL Recognized UL CSA

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