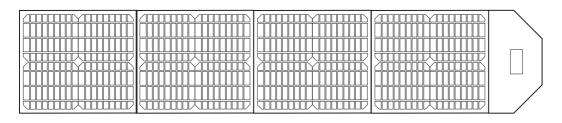# 80W PORTABLE SOLAR PANEL

USER MANUAL

Model: SD-SP80-G1   30005

Introduction

Thank you for your purchase of the SeeDevil™ 80W Portable Solar Panel! Please read this user manual carefully before use.

This SeeDevil™ 80W Portable Solar Panel is compatible with SeeDevil™ Portable Power Stations and keeps you charged wherever you go. Designed for portability and on the go use, the 80W Solar Panel can be used for any occasion. Combined with the SeeDevil™ Portable Power Stations, SeeDevil™ Solar Panels recharge fast and efficiently, are easy to use, safe, environment-friendly and energy-efficient.

Package Contents

- 80W Solar Panel
- DC Connectors (×10)
- DC5521 to DC5521 Cable
- DC5521 to MC4 Cable
- User Manual

Features

- Environment-friendly, practical and convenient portable power supply.
- Foldable, portable, light-weight and easy to carry with one hand.
- Engineered with high-quality solar monocrystalline silicon the SeeDevil™ Portable Solar Panel provides high charging efficiency and long service life.
- The SeeDevil™ Portable Solar Panel is compatible with SeeDevil™ Portable Power Stations. With the use of the solar panel, convert and store solar energy in SeeDevil™ Portable Power Stations.
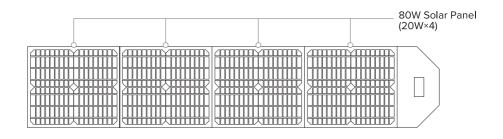- Equipped with USB-A and USB-C charging ports, use just the solar panel to charge devices when your off the grid.
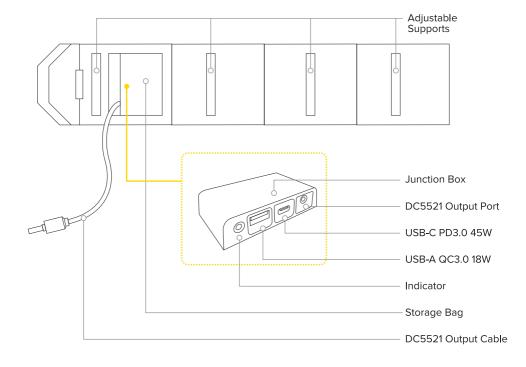
Technical Data

Peak Power:	80W
Cell Efficiency:	22%
Solar Cell Type:	Monocrystalline
Voltage at Max Power (Vmp):	18V
Current at Max Power (Imp):	4.44A
Open Circuit Voltage (Voc):	21.6V
Short Circuit Current (Isc):	4.8A
USB-A Output:	QC3.0
USB-C Output:	PD45W
Operating Temperature:	14°F~149°F (-10~65°C)
Number of Panels:	4
Dimensions (unfolded):	63.3 × 15.6 × 0.16in (1608 × 396 × 4mm)
Dimensions (folded):	15.6 × 14.4 × 2.4in (396 × 365 × 60mm)
Weight:	7.3lb (3.3kg)
Materials:	PET Laminated Monocrystalline Solar Panels
	Oxford Cloth 900D
Warranty Period:	24 months

DC Connectors Sizes (×10)

8mm 7.4x5.0mm 6.5x1.4mm 6.5x3.0mm 5.5x2.5mm 5.5x1.7mm 5.5x1.1mm 5.5x2.1mm 4.8x1.7mm 3.5x1.35mm

Product Diagram

80W Solar Panel (20W×4)

Adjustable Supports

Junction Box

DC5521 Output Port

USB-C PD3.0 45W
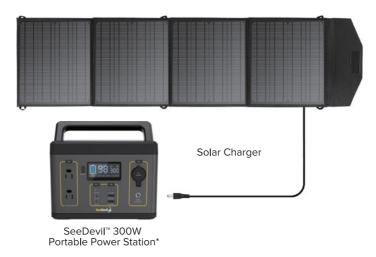
USB-A QC3.0 18W

Indicator

Storage Bag

DC5521 Output Cable

FAQS and Solutions

1. What power stations is this compatible with?
Currently compatible with all SeeDevil™ Portable Power Stations listed below:
• SD-PPS300-G1 (SeeDevil™ 300W Portable Power Station)
• SD-PPS500-G1 (SeeDevil™ 500W Portable Power Station)
• SD-PPS1200-G1 (SeeDevil™ 1200W Portable Power Station)
• SD-PPS2000-G1 (SeeDevil™ 2000W Portable Power Station)

2. How do I connect the solar panel to the power station?

Solar Charger

SeeDevil™ 300W
Portable Power Station*

*Solar Power Station sold separately at SeeDevil.com

3. What factors may affect the solar conversion rate?
• The weather conditions.
• The working environment temperature.
• The number of panels deployed.
• The position of the sun vs the solar panel.

4. Is it waterproof?
The SeeDevil™ Portable Solar Panel is weather resistant, but in order to maximize the lifespan of the solar panel, please try not to get it wet and DO NOT immerse the solar panel in water.

Warranty & Customer Service Support

Thank you for your purchase of the SeeDevil™ 80W Portable Solar Panel.
If you have any questions or issues, please email our customer service team at:

info@SeeDevil.com
Rezek Engineering
970 Reece Street, San Bernardino, CA 92411

The SD-SP80-G1 is covered with a 24-month limited warranty.

For more information on applications and solar panel use, visit SeeDevil.com

🌐 www.SeeDevil.com   ✉ info@SeeDevil.com   📱 877-659-5479
                                                   TOLL FREE NUMBER

📘 @SeeDevilLights   📷 @SeeDevil.Lighting

⚠ CAUTION

1. Do not drop or bend the solar panel
2. Do not immerse the solar panel in water.
3. ONLY clean with a damp cloth.
4. Do not use, store or place in or near sources of heat, ex: fire, heater, bbq, etc.
5. Do not pierce, crush, disassemble or damage the solar panel in anyway.
6. Keep away from all corrosive products.
7. Not recommended to use on any batteries, power stations or products other than suggested SeeDevil™ brand power stations.
8. Do not operate in wet conditions.

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