



NEXT
LEVEL
SOLAR

ZAMP  SOLAR®

 **DOMETIC**

OBSIDIAN® SERIES SOLAR PANELS

OBSIDIAN® SERIES SOLAR PANELS



Buy the best solar panel for ultimate freedom and flexibility.

After years of research, engineering and design, the future of solar is here. As thin as a flexible panel, with the efficiency and longevity of a standard panel, and with more mounting options than any other solar panel system, OBSIDIAN®'s potential is as limitless as your creativity.

Inspired by and field-tested during our own outdoor adventures in the epic volcanic landscapes and obsidian flows near our hometown of Bend, Oregon.

 **25 YEAR OUTPUT WARRANTY**

 **HANDCRAFTED IN BEND, OR**

 **AERODYNAMIC PROFILE**

 **30% LIGHTER PANELS & 50% SLIMMER**



These USA-Made panels are handcrafted using premium materials and precision manufacturing techniques to meet your off-grid power needs and exceed your expectations.



30% Lighter Panels /
50% Slimmer
than traditional
solar panels



Best-in-class high
efficiency monocrystalline
solar cells



Anti-reflective
coating improves
panel efficiency



25 year output
warranty and
excellent Zamp Solar
customer support



Passive cooling for
increased efficiency



Fuse-protected, all
weather, plug-and-play
wiring



Ultra-low
aerodynamic profile



Multiple patents pending



Omni-rail mounting system enables
flexible mounting points.



ATP Series™ interconnect
plugs provide superior weather
protection.



Tempered glass laminate meets the
same hail, snow load and strength
requirements as industrial solar panels.



Ultra-low profile aerodynamic
anodized aluminum frame make
this panel 50% slimmer than
standard solar panels.



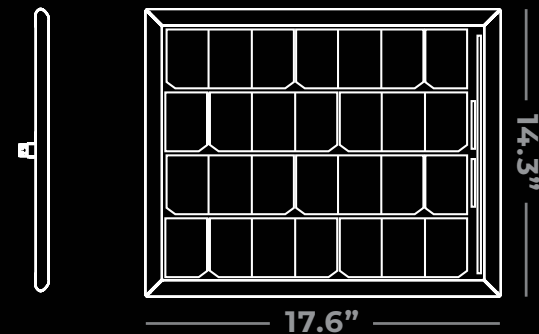
25-WATT SOLAR KIT **ZSK1012**

KIT INCLUDES:

- ⚡ 25-Watt Solar Panel
- ⚡ 10ft Wire Harness ATP-SAE
- ⚡ Reversible Mounting Feet

.67"

WEIGHT OF 25W PANEL: 3.5 lbs



45-WATT SOLAR KIT **ZSK1001**

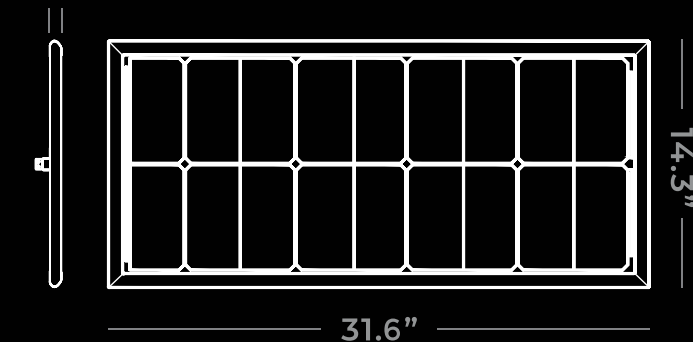
KIT INCLUDES:

- ⚡ 45-Watt Solar Panel
- ⚡ 10ft Wire Harness ATP-SAE
- ⚡ Reversible Mounting Feet



.67"

WEIGHT OF 45W PANEL: 5.8 lbs



90-WATT SOLAR KIT **ZSK1005**

KIT INCLUDES:

- ⚡ 2 x 45-Watt Solar Panels,
- ⚡ 2 x 10ft Wire Harnesses ATP-SAE
- ⚡ 2 x Reversible Mounting Feet



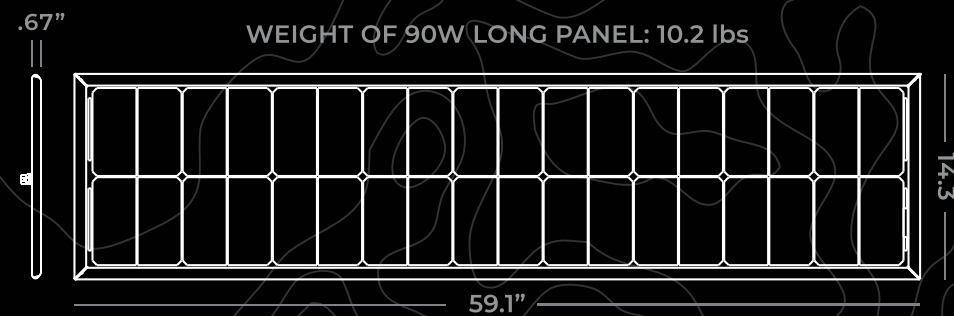


90-WATT LONG SOLAR KIT **ZSK1008, ZSK1010**

- KIT INCLUDES**
- ⚡ 90-Watt Long Solar Panel
 - ⚡ 10ft Wire Harness ATP-SAE
 - ⚡ Reversible Mounting Feet (ZSK1008)
 - ⚡ Curved Mounting Feet for Airstream® Trailers (ZSK1010)

180-WATT LONG SOLAR KIT **ZSK1009, ZSK1011**

- KIT INCLUDES**
- ⚡ 2 x 90-Watt Long Solar Panel
 - ⚡ 2 x 10ft Wire Harness ATP-SAE
 - ⚡ 2 x Reversible Mounting Feet (ZSK1009)
 - ⚡ 2 x Curved Mounting Feet for Airstream® Trailers (ZSK1011)

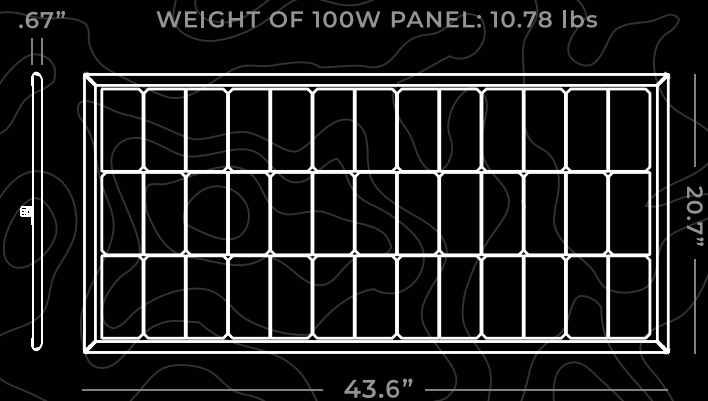


100-WATT SOLAR KIT **ZSK1006**

- KIT INCLUDES:**
- ⚡ 100-Watt Solar Panel
 - ⚡ 10ft Wire Harness ATP-SAE
 - ⚡ Reversible Mounting Feet

200-WATT SOLAR KIT **ZSK1007**

- KIT INCLUDES:**
- ⚡ 2 x 100-Watt Solar Panels,
 - ⚡ 2 x 10ft Wire Harnesses ATP-SAE
 - ⚡ 2 x Reversible Mounting Feet





Complete your OBSIDIAN® Solar Kits with a Zamp Solar Integration Kit:

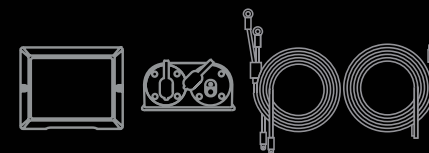


INTEGRATION KITS

15-AMP INTEGRATION KIT **KIT5006**

KIT INCLUDES:

- ⚡ 15-Amp Digital Charge Controller
- ⚡ 2-Port Solar Roof Cap
- ⚡ Solar Wiring Harness

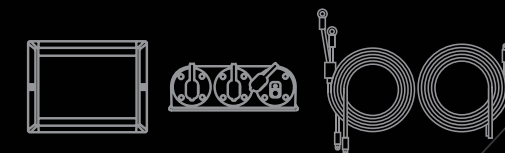


Use with any Zamp Solar Panel (sold separately).
Expandable up to 270-Watts. Minimal tools required. Compatible with Lithium and all Lead-Acid Batteries.

30-AMP INTEGRATION KIT **KIT5007**

KIT INCLUDES:

- ⚡ 30-Amp Digital Charge Controller
- ⚡ 3-Port Solar Roof Cap
- ⚡ Solar Wiring Harness



Use with any Zamp Solar Panel (sold separately).
Expandable up to 510-Watts. Minimal tools required. Compatible with Lithium and all Lead-Acid Batteries.

Compatible with Solar Ready™ RVs

Most newer RV's come with a Zamp Solar Ready™ port on their roof or wall. If you have one, you can simply plug any OBSIDIAN® Series panel in and you're all set.





45-WATT PORTABLE SOLAR KIT (REGULATED) USP2001

KIT INCLUDES:

- ⚡ 45-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 15 Amp Digital Charge Controller (ZS-15AW)
- ⚡ 15ft Extension Cable (ITC3007)
- ⚡ Fused Alligator Battery Clamps (ITC3009)
- ⚡ 6" ATP-SAE Adaptor (ITC3003)
- ⚡ Integrated Tactical Carry Case.

100-WATT PORTABLE SOLAR KIT (REGULATED) USP2003

KIT INCLUDES:

- ⚡ 100-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 15 Amp Digital Charge Controller (ZS-15AW)
- ⚡ 15ft Extension Cable (ITC3007)
- ⚡ Fused Alligator Battery Clamps (ITC3009)
- ⚡ 6" ATP-SAE Adaptor (ITC3003)
- ⚡ Integrated Tactical Carry Case.



45-WATT PORTABLE SOLAR KIT (UNREGULATED) USP2002

KIT INCLUDES:

- ⚡ 45-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 15ft Extension Cable (ITC3007)
- ⚡ 6" ATP-SAE Adaptor (ITC3003)
- ⚡ Integrated Tactical Carry Case.

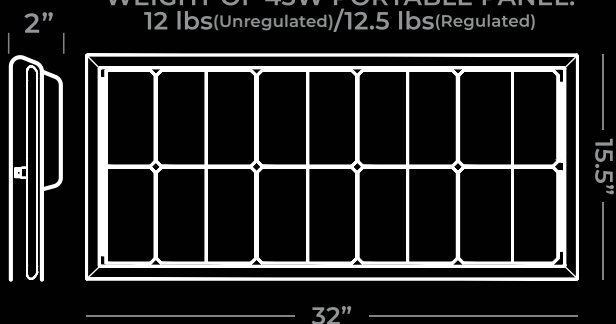


100-WATT PORTABLE SOLAR KIT (UNREGULATED) USP2004

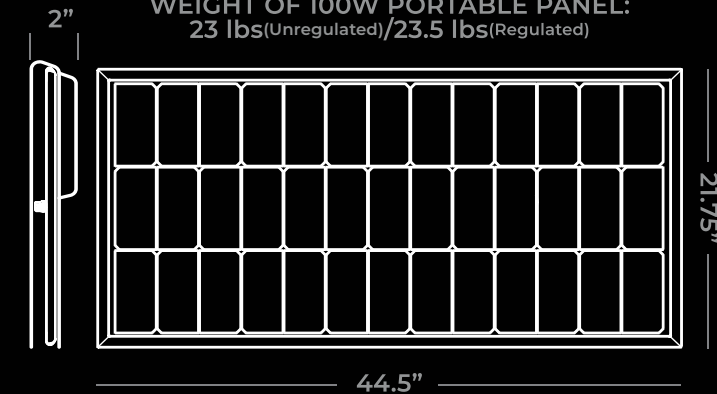
KIT INCLUDES:

- ⚡ 100-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 15ft Extension Cable (ITC3007)
- ⚡ 6" ATP-SAE Adaptor (ITC3003)
- ⚡ Integrated Tactical Carry Case.

WEIGHT OF 45W PORTABLE PANEL:
12 lbs(Unregulated)/12.5 lbs(Regulated)



WEIGHT OF 100W PORTABLE PANEL:
23 lbs(Unregulated)/23.5 lbs(Regulated)



90-WATT PORTABLE SOLAR COMBO KIT USP2001 + USP2002 + ITC1003

KIT INCLUDES:

- ⚡ 2 x 45-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 15 Amp Digital Charge Controller (ZS-15AW)
- ⚡ 2 x 15ft Extension Cable (ITC3007)
- ⚡ Fused Alligator Battery Clamps (ITC3009)
- ⚡ 6" ATP-SAE Adaptor (ITC3003)
- ⚡ ATP-ATP Y Connector (ITC1003)
- ⚡ Integrated Tactical Carry Case.



145 -WATT PORTABLE SOLAR COMBO KIT USP2004 + USP2001 + ITC1003

KIT INCLUDES:

- ⚡ 100-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 45-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 15 Amp Digital Charge Controller (ZS-15AW)
- ⚡ 2 x 15ft Extension Cable (ITC3007)
- ⚡ Fused Alligator Battery Clamps (ITC3009)
- ⚡ 6" ATP-SAE Adaptor (ITC3003)
- ⚡ ATP-ATP Y Connector (ITC1003)
- ⚡ Integrated Tactical Carry Case.



200-WATT PORTABLE SOLAR COMBO KIT USP2004 + USP2003 + ITC1003

KIT INCLUDES:

- ⚡ 2 x 100-Watt OBSIDIAN® SERIES Solar Panel
- ⚡ 15 Amp Digital Charge Controller (ZS-15AW)
- ⚡ 2 x 15ft Extension Cable (ITC3007)
- ⚡ Fused Alligator Battery Clamps (ITC3009)
- ⚡ 6" ATP-SAE Adaptor (ITC3003)
- ⚡ ATP-ATP Y Connector (ITC1003)
- ⚡ Integrated Tactical Carry Case.



Regulated or Unregulated OBSIDIAN® Portable Panels?



Regulated
With Charge Controller

REGULATED: Solar panels require a regulating charge controller between the panel and your battery to optimally charge and safely maintain your system.



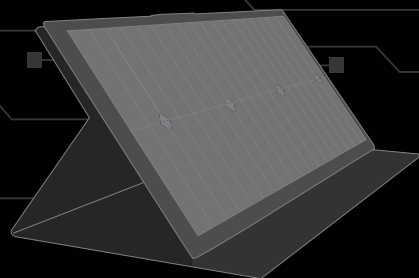
Unregulated
Without Charge Controller

UNREGULATED: In some cases, you may already have a Zamp Solar charge controller, or a built-in regulator in your setup, like a DOMETIC® PLB40 or other Solar Generator. In this case, an Unregulated OBSIDIAN® Portable can plug right in. Make sure you get the right adaptor found in our portable accessories for plug and play use.

OBSIDIAN® PORTABLE SOLAR CONFIGURATIONS

UNREGULATED KIT

OBSIDIAN® PORTABLE PANEL
(UNREGULATED)



ATP to ZAMP SOLAR SAE ADAPTOR



ATP to ANDERSON POWERPOLE ADAPTOR



ATP to DOMETIC PLB40 PORTABLE POWER ADAPTOR



ATP to FURRIION ADAPTOR

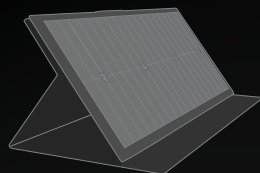


SOLAR GENERATOR



COMBO KIT

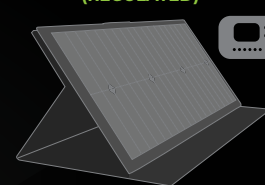
OBSIDIAN® PORTABLE PANEL
(UNREGULATED)



ATP FEMALE to ATP MALE Y ADAPTOR



OBSIDIAN® PORTABLE PANEL
(REGULATED)

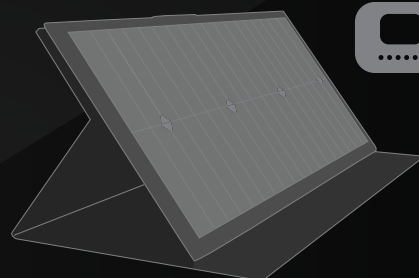


LITHIUM OR
LEAD ACID BATTERY

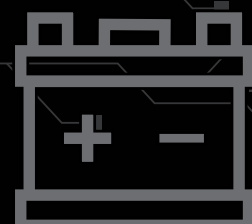


REGULATED KIT

OBSIDIAN® PORTABLE PANEL
(REGULATED)



LITHIUM OR
LEAD ACID BATTERY



OBSIDIAN® PORTABLE SOLAR ACCESSORIES



ATP to ATP CONNECTOR
(5, 10, 15, 20 FOOT LENGTHS)

5' - ITC3011, 10' - ITC3012,
15' - ITC3007, 20' - ITC3013

Increase the OBSIDIAN® portable panel wiring distance with this water resistant pre-terminated extension cable.



ATP to DOMETIC PLB40 PORTABLE POWER ADAPTOR

ITC3005

Charge a Dometic™ PLB40 portable power station with the OBSIDIAN® portable panel utilizing the Anderson SB-50 adaptor. Compatible with many solar generators.



ATP to ZAMP SOLAR SAE ADAPTOR

ITC3003

Connect your OBSIDIAN® portable panel by simply connecting directly to a Zamp Solar Ready sidewall solar port using this SAE adaptor.



ATP to WIRE TERMINATION ADAPTOR

ITC3006

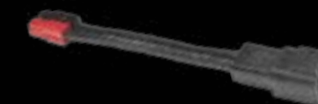
Connect your OBSIDIAN® portable panel to any custom 10 to 12 gauge wiring with the pre-terminated butt connectors.



ATP FEMALE to ATP MALE Y ADAPTOR

ITC3008

Combine multiple OBSIDIAN® portable panels in order to increase the available energy output with this 6" Y adaptor.



ATP to ANDERSON POWERPOLE ADAPTOR

ITC3004

Charge Goal Zero™, Jackery™ or other portable power stations with the OBSIDIAN® portable panel utilizing the Anderson PowerPole adaptor.



Fused ATP to BATTERY ALLIGATOR CLAMPS

ITC3009

Connect the OBSIDIAN® portable panel to any battery automotive post or terminal stud with these heavy duty alligator clamps.



ATP to FURRIION ADAPTOR

ITC3010

Connect your OBSIDIAN® portable panel into any Furrion solar-ready port on your RV for quick convenient charging.

OBSIDIAN® HYBRID SYSTEM

- THE ULTIMATE COMBINATION -



Zamp's OBSIDIAN® Series Hybrid Systems offer the most versatility. Pair Zamp's Portable Kits and Panel Kits with any adventure.



Zamp's Hybrid System offers the most versatile plug-and-play kit for all of your power needs. Combining all of the power kits to produce the most power for your adventure.

OBSIDIAN® HYBRID SYSTEM EXAMPLE

- THE ULTIMATE COMBINATION -



PROUDLY
HANDCRAFTED
IN BEND, OR



Zamp was founded in Bend, Oregon in 2010 with a vision of making the highest quality, most innovative, off-grid solar products on the market so people like us could dream bigger, go further, and stay out longer.

Now, as the top supplier of US-made off-grid solar panels and accessories, we are still obsessed with quality, still innovating, still dreaming, and still exploring the infinite possibilities of solar.

ZAMP  SOLAR[®]

 DOMETIC

ZampSolar.com | (541) 728-0924



This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.