

110 W OBSIDIAN® SERIES 9 SOLAR MODULE

CATEGORY:

SOLAR PANELS

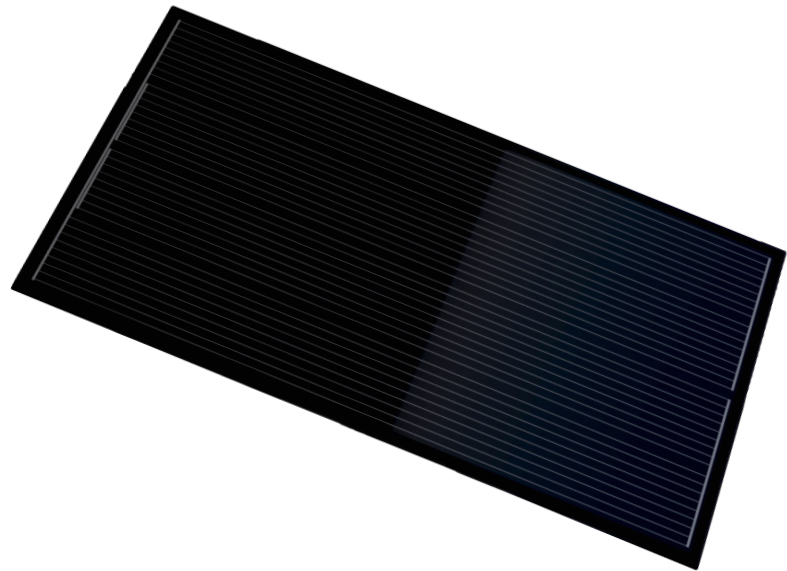
MODEL TYPE:

OBSIDIAN® SERIES 9 SOLAR PANEL

IDEAL FOR:



**25 YEAR
WARRANTY**



USM2019

The most advanced premium off-grid solar panels on the market. These panels feature the latest advancements in 9 bus bar solar cell technology to improve efficiency increasing the amount of solar energy collected. This technology is combined with anti-reflective glass, premium encapsulant, exclusive low profile junction box with MC4 connectors, and bypass diodes for shade resistance, and patented aerodynamic OBSIDIAN® frame to create the best in class solar solution for overland rigs, custom van builds, RVs, or other off-grid applications.

KEY FEATURES



**HIGH EFFICIENCY
MONOCRYSTALLINE
SOLAR CELLS**



**LOW PROFILE JUNCTION
BOX WITH BYPASS DIODES**



**TEMPERED ANTI-
REFLECTIVE GLASS**



SHADE PROTECTION



OMNI-RAIL MOUNTING



**AERODYNAMIC ANODIZED
ALUMINUM FRAME**

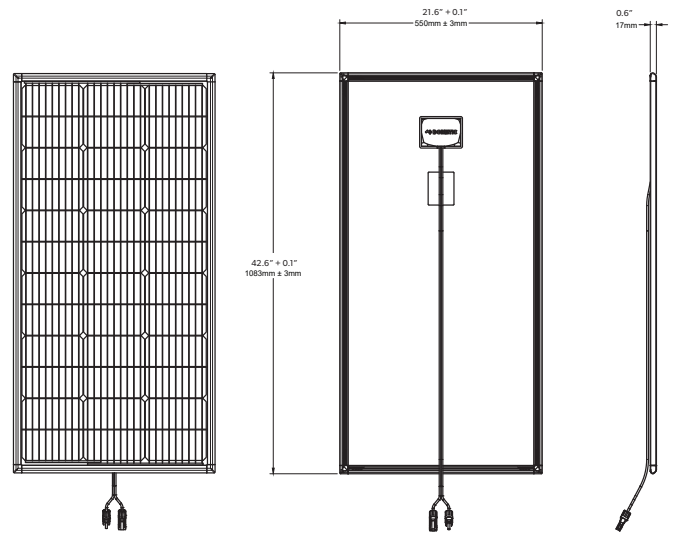
INCLUDED IN :

- KIT1059
- KIT1060

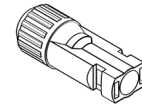
SPECIFICATIONS

| | |
|-----------------------------|---|
| Rated power (Pm) | 110W |
| Maximum power voltage (Vmp) | 20.5V |
| Maximum power current (Imp) | 5.1A |
| Maximum voltage | 300 VDC |
| Open circuit voltage (Voc) | 24.2V |
| Short circuit current (Isc) | 5.4A |
| Cell type | Monocrystalline |
| Weight | 11 lb (5 kg) |
| Dimensions | 42.6 x 21.6 x 0.6 in 1083 x 550 x 17 mm |
| Materials | Tempered, anti-reflective glass laminate; anodized aluminum frame |
| Warranty (Power Output) | 25 years |

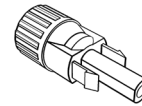
DIMENSIONS



Solar Connectors



- Negative



+ Positive

Specifications subject to local environmental conditions.
Specifications may be subject to change.