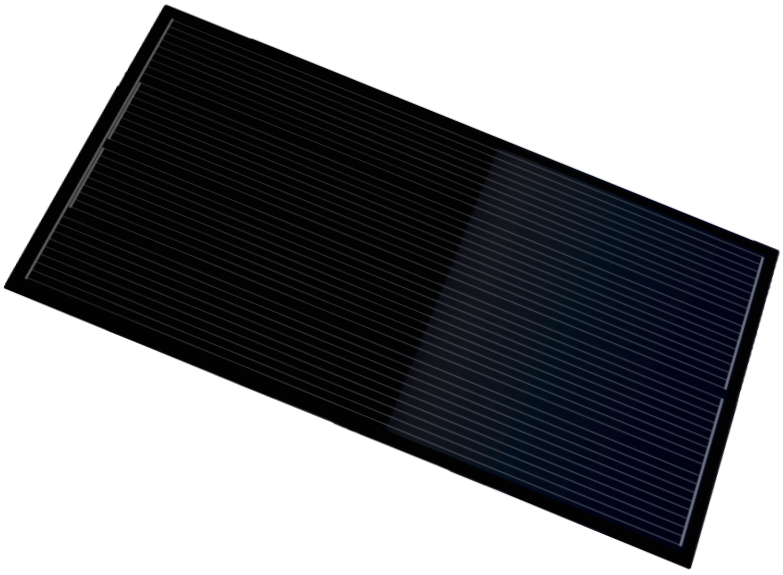
# 110 W OBSIDIAN® SERIES 9 SOLAR MODULE

**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**
- **TEMPERED ANTI-REFLECTIVE GLASS**
- **OMNI-RAIL MOUNTING**
- **LOW PROFILE JUNCTION BOX WITH BYPASS DIODES**
- **SHADE PROTECTION**
- **AERODYNAMIC ANODIZED ALUMINUM FRAME**

**INCLUDED IN :**

- KIT1059
- KIT1060

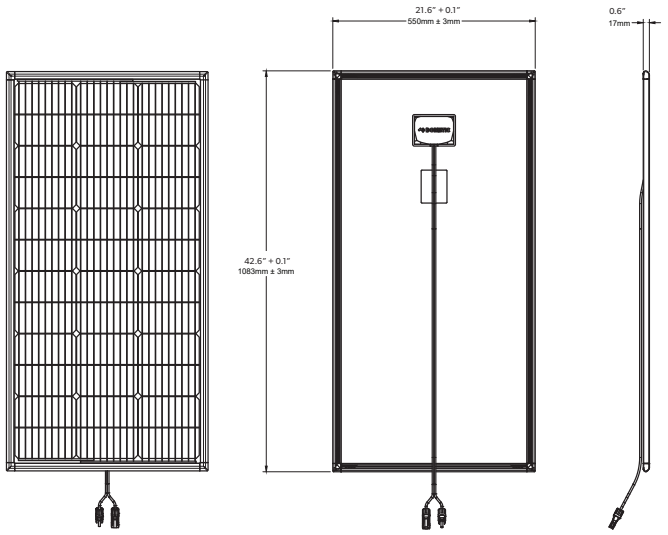
DOMETIC

P: +1 866 247 6527
E: mobilepower.americas@dometic.com

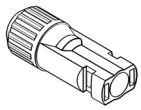
## SPECIFICATIONS

| | |
|---|---|
| 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<br>1083 x 550 x 17 mm |
| Materials | Tempered, anti-reflective glass laminate; anodized aluminum frame |
| Warranty (Power Output) | 25 years |

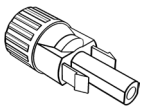
## DIMENSIONS




***Solar Connectors***



- Negative



+ Positive

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

DOMETIC

P: +1 866 247 6527
E: mobilepower.americas@dometic.com