

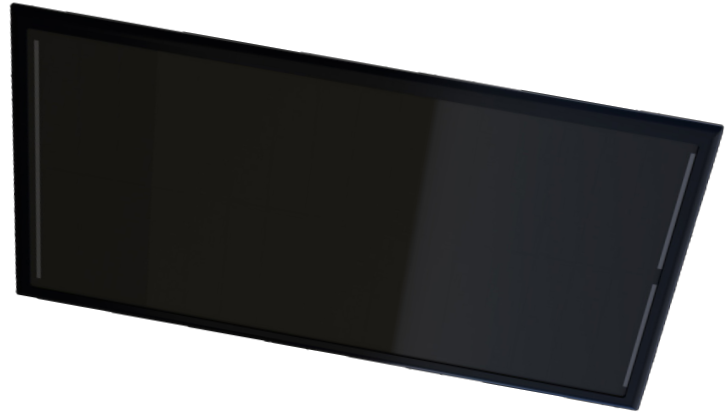
50 W OBSIDIAN® SERIES 9 SOLAR MODULE

CATEGORY:

SOLAR PANELS

MODEL TYPE:

OBSIDIAN® SERIES 9 SOLAR
PANEL



IDEAL FOR:



**25 YEAR
WARRANTY**

USM2021

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

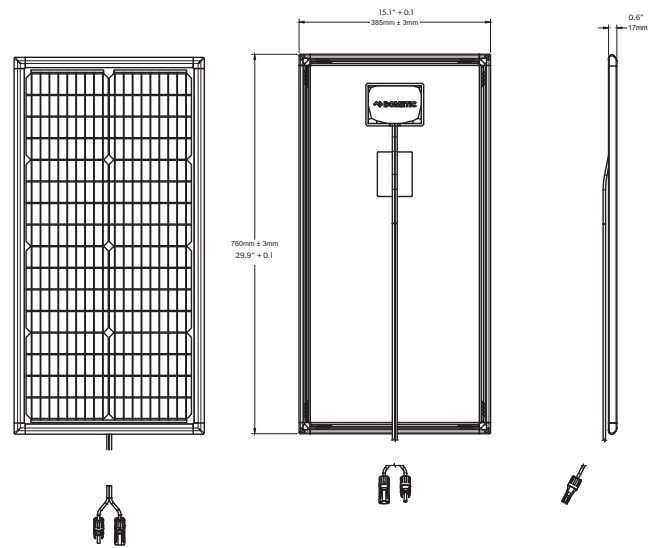


**AERODYNAMIC ANODIZED
ALUMINUM FRAME**

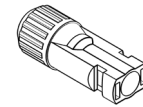
SPECIFICATIONS

Rated power (Pm)	50W
Maximum power voltage (Vmp)	18.1V
Maximum power current (Imp)	2.5A
Maximum voltage	300 VDC
Open circuit voltage (Voc)	21.5V
Short circuit current (Isc)	2.7A
Cell type	Monocrystalline
Weight	6.1 lb (2.8 kg)
Dimensions	29.9 x 15.1 x 0.6 in 760 x 385 x 17 mm
Materials	Tempered, anti-reflective glass laminate; anodized aluminum frame
Warranty (Power Output)	25 years

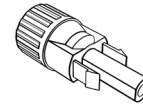
DIMENSIONS



Solar Connectors



- Negative



+ Positive

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