

90 WATT SOLAR PANEL

MODEL: OGRE B090-J12

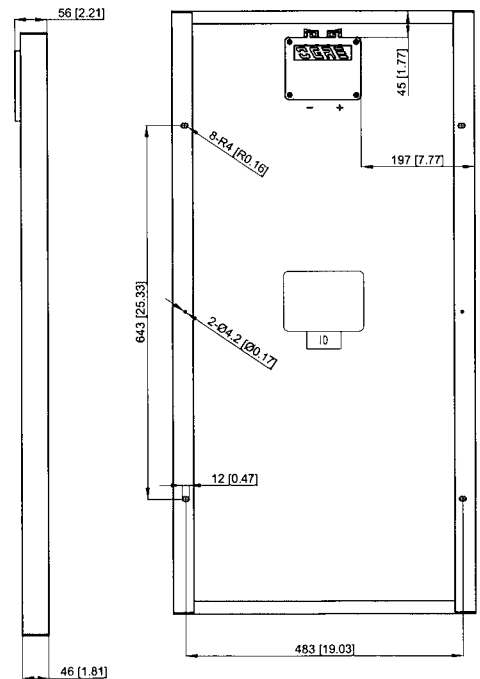
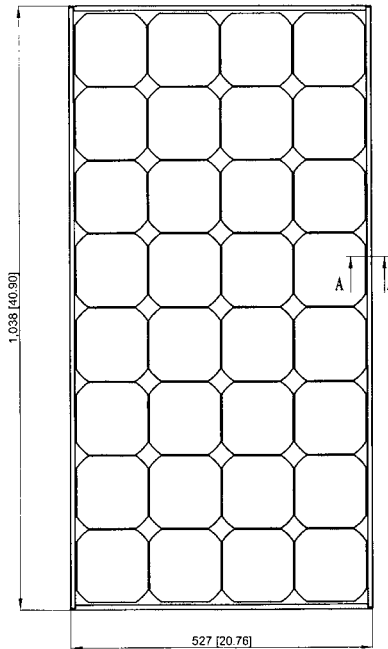
ORDER #: 05208

FEATURES

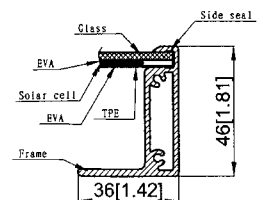
- Extra heavy gauge aluminum frame, designed for ease of mounting and durability
- Industry leading quality, manufactured with advanced encapsulation process
- Highly efficient back-contact monocrystalline cells with conversion efficiencies >23%
- 32 high efficiency cells vs. the competitors' 36 cells
- One square foot smaller than other manufacturers' 90 watt modules
- Junction box is rain tight and has four 1/2" conduit or cable fitting knock-outs



ELECTRICAL	OGRE B090-J12
Max Power	90 Watts
Max Power Voltage	17.0 Vmp
Max Power Current	5.30 Imp
Open Circuit Voltage	20.4 Voc
Short Circuit Current (Isc)	5.92 A
Maximum System Voltage	70 V
Series Fuse Rating	9 A
<i>Temperature Co-Efficients</i>	
Power	-0.38%/C
Voltage	-58.7mV/C
Current	5.3mA/C
Cell Efficiency	19.70%
Number of Cells in Series	32
Cell Type	BC Mono
Number of Strings in Parallel	1
Max Power Tolerance	+/- 5%
MECHANICAL	
Weight	16.53 lbs
Dimension	40.9" x 20.76" in.
Thickness, including junction box	2.13" in.
Frame-aluminum	>15µm anodized



CROSS SECTION



JUNCTION BOX

