

# Solutions, LLC durability

dependability

At **RDA Solutions**, **LLC**, we value our customers feedback. We are consistently working with engineers to develop a line of off-grid solar panels that are specifically designed to withstand the many rigors of the oil and gas industry.

We pride ourselves in service before, during and after the sale.

## Introducing the

## RDA 100 watt 12V Class 1 Division 2 Solar Panel

Class 1 Division 2 (FM18US0174X)

- 1.5mm Aluminum Frame
- Quality "A" Grade Solar Cells
- IP65 Junction Box with Knockouts
- Designed specifically for the Oil and Gas market





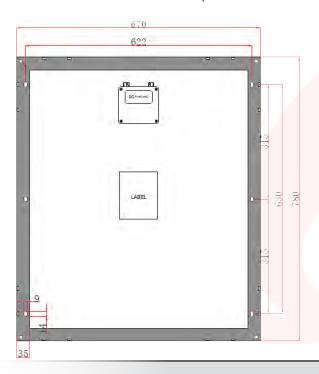
### **RDA** Solutions, LLC

Electrical Specs:	
Maximum Power	100W
Power Tolerance	(+3/-0%)
Voltage at max power(Vmp)	19.8V
Current at max power(Imp)	5.06A
Open Circuit Voltage(Voc)	23.2V
Short Circuit Current(Isc)	5.45A
Operating Temperature	-40 °C - +85 °C
Maximum system Voltage	600V
Maximum Sys Fuse Rating	10A

### **Mechanical Specs:**

Solar Cell	Polycrystalline solar cell
# of cells & Connections	36=4x9 pcs
Dimensions of module	780x670x50mm; 31x26.5x2in
Weight	5.5kg; 12lb

Junction Box Ip65 rated



#### Power Cable Options:

SPC-SE-1615 (fig 1) 16ga,15', SEOOW SPC-FC-12/2 (fig 2) 12ga, 15', Flex Conduit



#### Bracket Options:

SPB-52043 (fig 3)

With Brace: SPB-52043-B (fig 4)

Dual: SPB-52055 (fig 5)





