

durability
dependability

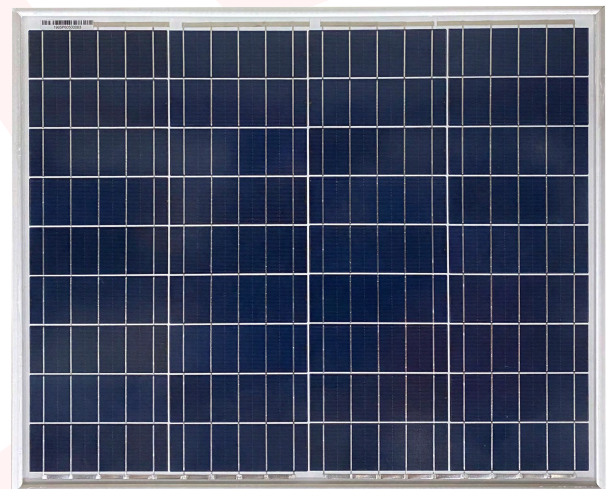
At **RDA Solutions, LLC**, we value our customers feedback. We are consistently working with engineers to develop a line of off-grid solar panels that are specifically designed to withstand the many rigors of the oil and gas industry.

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

Introducing the

RDA 50 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



Electrical Specs:

Maximum Power	50W
Power Tolerance	(+3/-0%)
Voltage at max power(Vmp)	20V
Current at max power(Imp)	2.5A
Open Circuit Voltage(Voc)	23.5V
Short Circuit Current(Isc)	2.70
Operating Temperature	-40 °C - +85 °C
Maximum system Voltage	1000V
Maximum Sys Fuse Rating	10A

Mechanical Specs:

Solar Cell	Polycrystalline solar cell
# of cells & Connections	36=4x9 pcs
Dimensions of module	550x520x50mm; 22x20x2in
Weight	5.45kg; 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-52025 (fig 3)
- SPB-CM-SM (fig 4)

