

# Apollo Solar 2.44m (8') Awning

## Harness clean energy from your shading surface

### CERTIFICATIONS

ISO9001:2015, Design, production, and marketing flexible solar panels



### Redefining Sustainability, Elegance and Use of New Surfaces

- A unique **2-in-1 solution** – providing shade while harnessing the power of the sun
- **Energy independence** – No need to plug to an energy source
- **More available energy** – Increase the surface for solar use
- An **aesthetic, clean** and **quite** solution for both **RVs** and **residential buildings**



#### Ultra Lightweight

Solar fabric weighs less than 1 Kg/sqm



#### Durable and Reliable

Patented technology with enhanced micro-cracks tolerance



#### Easy Installation

A DIY solution, can be installed by anyone



#### Clean & Quiet

Enjoy the outdoors without the noise, fumes and odor of a generator

### Electrical Specifications

STC 1000 W/sqm, 25°C

Maximum Power (Pmax)	480 ±5%	W
Maximum Power Voltage (Vmp)	39	V
Maximum Power Current (Imp)	12	A
Open Circuit Voltage (Voc)	49	V
Short Circuit Current (Isc)	13.6	A
Maximum Series Fuse	15	A
Operating Temperature	(0) – (+85)	°C
Maximum System Voltage	60	Vdc

### Mechanical Data

Cell Type	Apollo cells
Dimensions of solar module (mm)	1700X2250
Dimensions of awning closed (mm)	154X109X2438
Awning projection (mm)	1955
Weight of fabric (kg)	4.8 ± 5%
Weight of full awning (kg)	25
Rolling diameter (mm)	52
Connector Type	MC4
Output cables	300 mm   4mm <sup>2</sup> cross-section
Awning model	Girard GG750
Opening motor	12 Vdc
Opening motor side	Left / Right