



### Overview

- High efficiency solar cells (approx. 20%) with quality silicon material for high module conversion efficiency and long term output stability and reliability.
- Rigorous quality control to meet the highest international standards.
- Outstanding electrical performance under high temperature and weak light environments.

### Applications

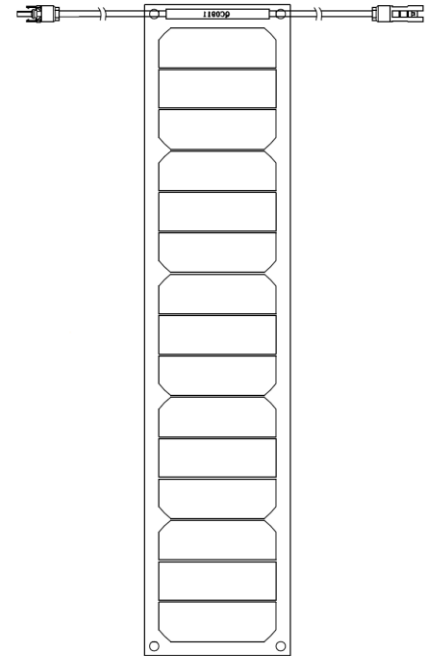
- Any large or small off-grid solar power stations.

### Warranty

- 2 year limited product warranty on materials and workmanship
- 10 year warranty on >90% power output

### Certifications

- CE



### Mechanical Specifications

Characteristic	Details
Cell Size	125mm x 41mm (4.92" x 2.46")
Module Dimension (L x W x T)	1348mm x 155mm x 3mm (53.07" x 6.10" x 0.12")
No. of Cells	30
Weight	0.3 kg (0.66 lbs)
Cable Length	900mm (35.4") for positive (+) and negative (-)
Type of Connector	MC4
Junction Box	IP65 Rated
No. of Holes in Frame	4 installation holes

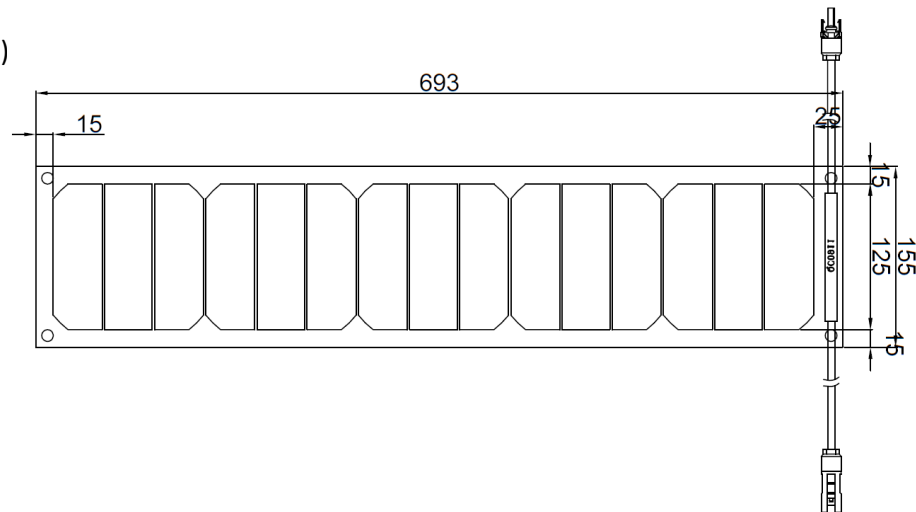
## Electrical Specifications

(STC\* = 25 °C, 1000W/m<sup>2</sup> Irradiance, and AM=1.5)

Model	PhotoFlex-015W
Max System Voltage (IEC/UL)	600V
Maximum Power P <sub>max</sub>	15 W (0%, +5%)
Cell Type	Mono silicon
Voltage at Maximum Power Point V <sub>mpp</sub>	8.25 V
Current at Maximum Power Point I <sub>mpp</sub>	1.82 A
Open Circuit Voltage V <sub>oc</sub>	9.75 V
Short Circuit Current I <sub>sc</sub>	1.95 A
Module Efficiency (%)	14.4%
Temperature Coefficient of V <sub>oc</sub>	(-0.28% /°C)
Temperature Coefficient of I <sub>sc</sub>	(0.06% /°C)
Temperature Coefficient of P <sub>max</sub>	(-0.38% /°C)

\*Standard Test Conditions

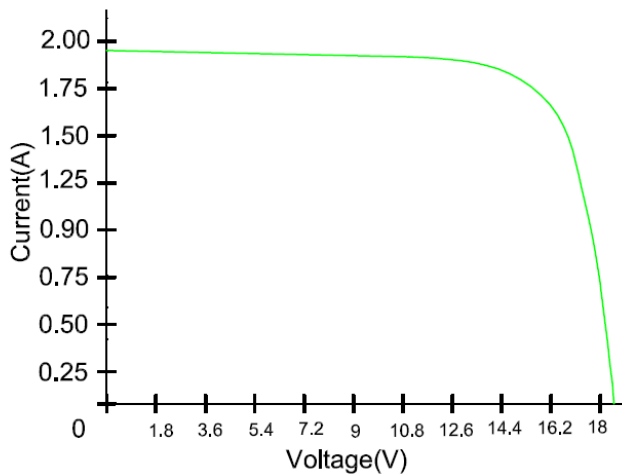
## Physical Dimensions (mm)



## Other Performance Data

Power Tolerance	Operating Temperature	Max Series Fuse Rating	NOCT*
0%, +5%	-40 °C to +85 °C	5 A	45 °C ± 2 °C

\*Normal Operating Cell Temperature



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