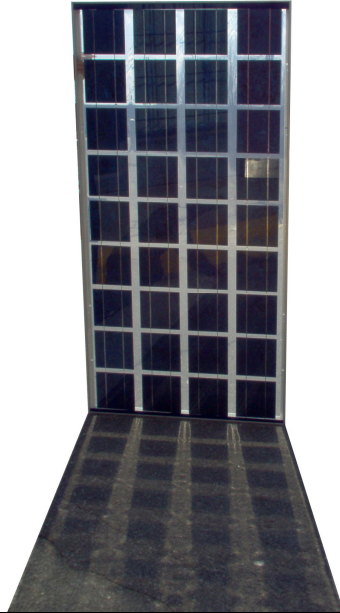


# TRANSPARENT CRYSTALLINE SOLAR MODULES



### Performance and Reliability:

Centennial Solar products are designed and constructed to provide high performance and reliability. We constantly improve our products to ensure product performance and reliability.

### Applications:

- Building Integration for Day Lighting and outdoor visibility. Suited as building material to replace tinted and clear glass in Atrium, Façade, Skylights, Green Houses, Windows, Rain Screen



### Electrical Data

The electrical data applies to standard test conditions (STC):  
Irradiance at the module level of 1,000W/m<sup>2</sup> with spectrum AM1.5 and cell temperature of 25°C

Electrical Parameters		CS125VG	CS135VG	CS140VG
Power (max.)	P <sub>p</sub> (watts)	125W	135W	140W
Voltage at maximum power point	V <sub>p</sub> (volts)	17.4V	17.9V	17.9V
Current at maximum power point	I <sub>p</sub> (amps)	7.18A	7.54A	7.81A
Open-circuit voltage	V <sub>oc</sub> (volts)	22.0V	22.0V	22.0V
Short-circuit current	I <sub>sc</sub> (amps)	7.6A	8.1A	8.4A

- The quoted technical data refers to the usual series cell configuration
- All electrical parameters may vary by ±10%

### Dimensions & Weights

Length mm (in)	1593mm(62.7")	Transmittance Area	25%
Width mm (in)	790mm(31.1")	Solar Cells/Module	36
Weight Kg (lbs)	16±0.5kg(35±1lbs)	Type/Size of Cells	Poly 156 x 156mm
Area SqM (SqFt)	1.25SqM(13.5SqFt)	Connection	Junction Box/Cable

### Cell temperature Coefficient

Power	-0.55%/°C
Open Circuit Voltage	-0.33%/°C
Short Circuit Current	+0.05%/°C

### Limits

Maximum System Voltage	1000V DC
Operating Module Temp.	-40°C to +90°C
Wind Resistance	192kM/Hour

### Laminate Options

Centennial Solar also manufactures custom laminates, enabling easy integration of products into third party framing systems directly into building structures.

**Note:** The specifications are subject to change without notice



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