

BSG-180/70-F

LSC Coated, Bifacial Agri-PV Solar Panel | GreenGlass™

Advantages



High Light
Transmissivity



Optional Glass for
High Degree of Light
Diffusion



Suitable for New or
Retrofit Greenhouse
Applications

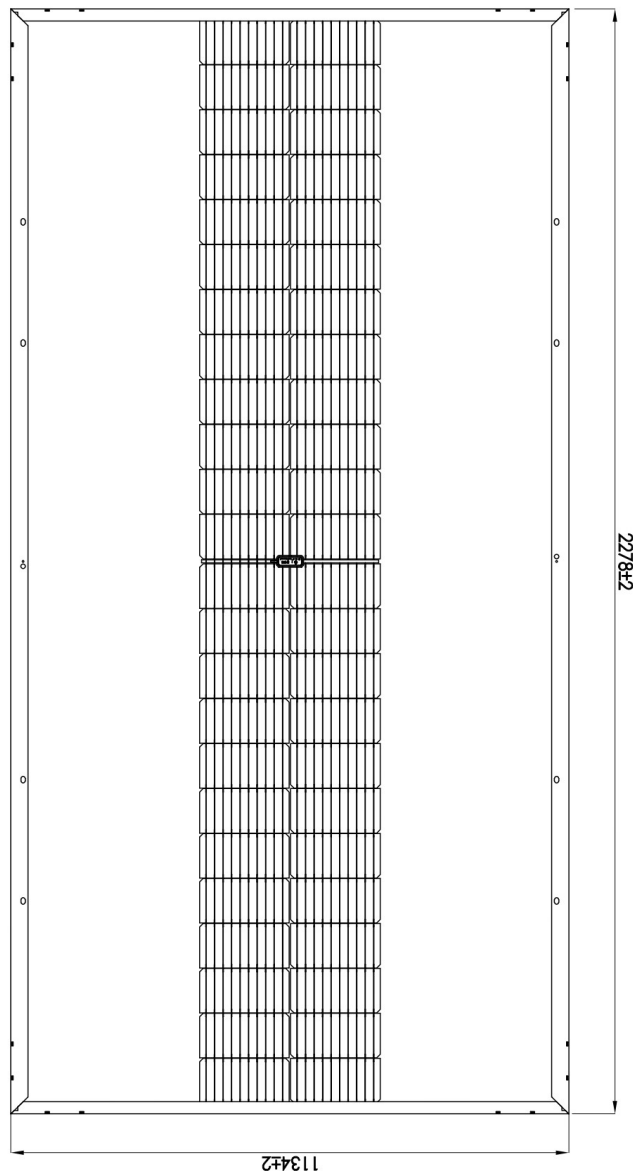


Available in
Custom Sizes

LSC

Available with
Luminescent Solar
Concentrator Coating
to enhance
photosynthesis

ISO 9001: Quality Management System
ISO 14001: Environmental Management System
IEC/EN61215 - IEC/EN61730 - ANSI/UL61703



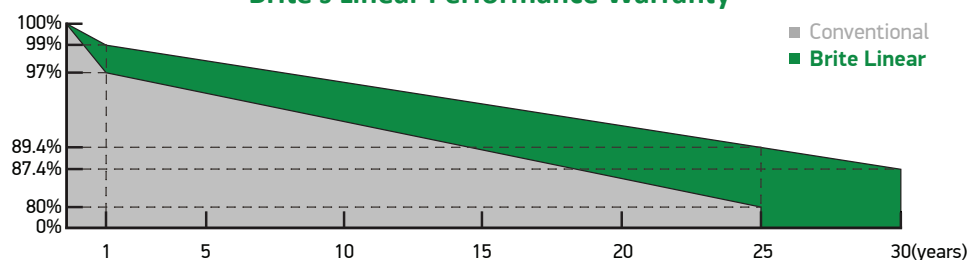
180
Wp

70
%T

12 Years
Material & Craft
Quality
Assurance

30 Years
Power
Output
Guarantee

Brite's Linear Performance Warranty



Mechanical Specifications

Length	2278mm
Width	1134mm
Thickness	30mm
Solar Cells	182mm x 91,8mm, 48pcs
Solar Cell Type	N Monocrystalline Bifacial
Solar Module Area	0.803m ²
Front Glass	2 mm Tempered
Weight	32,3kg
Cable	4mm ²
Junction Box	IP68, 3 diode
Connectors	MC4 Compatible
Shading	30%
Operating Temperature	-40 to 85°C
Maximum Static Load	5400Pa

Electrical Specifications (STC)

Short Circuit Current (Isc)	13.66A
Opt. Operating Current (Imp)	13.10A
Open Circuit Voltage (Voc)	16.73V
Opt. Operating Voltage (Vmp)	14.06V
Nominal Max Power (Pmax)	180Wp
Maximum System Voltage	1500V
Maximum Series Fuse Rating	25A

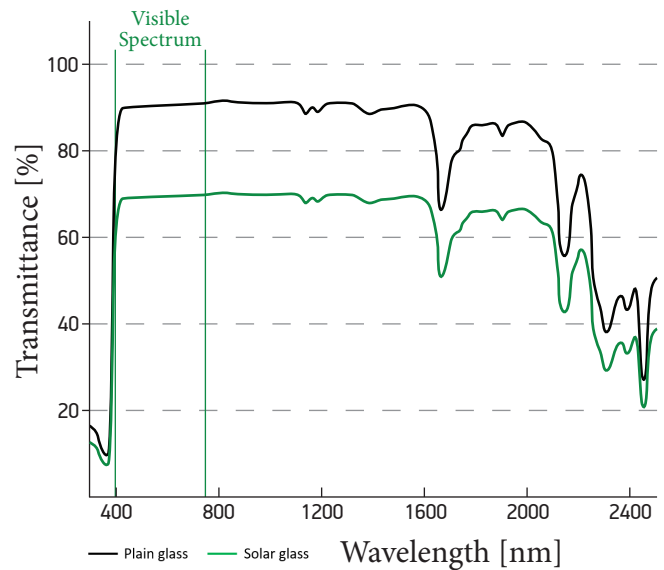
Temperature Coefficients

Temp. Coefficient Pmax (%/°K)	-0.30
Temp. Coefficient Voc (%/°K)	-0.25
Temp. Coefficient Isc (%/°K)	0.05
Nominal Operating Module Temp	45±2°C

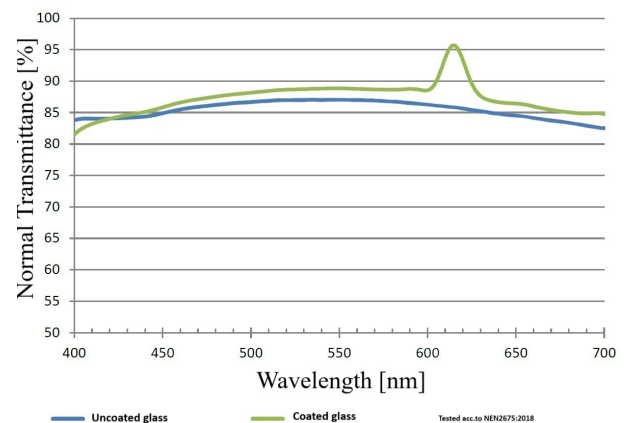
Packaging Configuration

Modules Per Box	37 Pcs
Modules Per 40' Container	740 Pcs

Light Transmittance



LSC effect - Visible Spectrum



Coated glass converts light into visible wavelengths and offers increased transmittance of visible light and thus enhanced photosynthesis.



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