

BSG-600/0-F

Bifacial Agri-PV Solar Panel | GreenGlass™

Advantages



High Light
Transmissivity



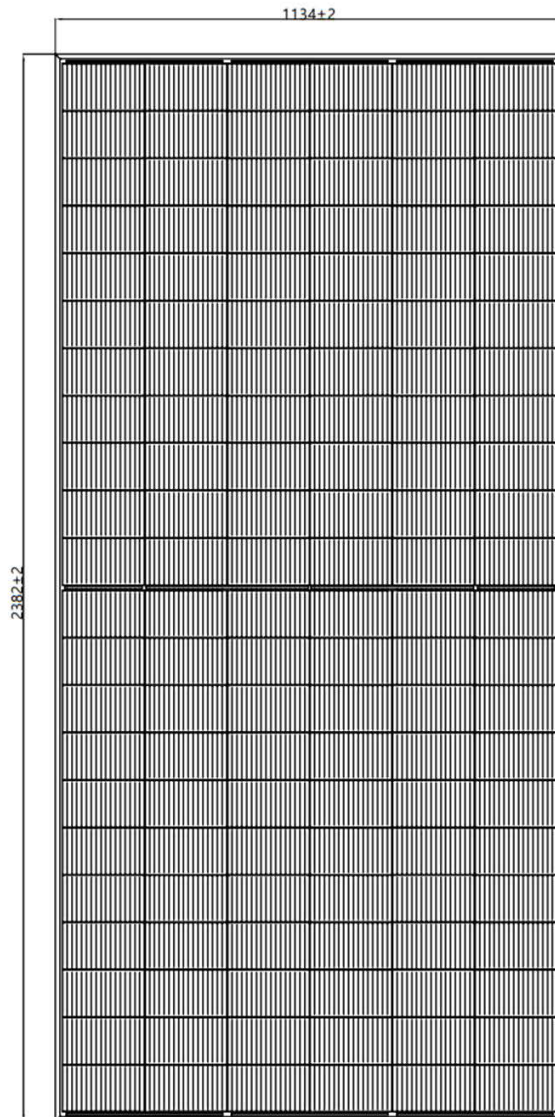
Optional Glass for
High Degree of Light
Diffusion



Suitable for New or
Retrofit Greenhouse
Applications



Available in
Custom Sizes



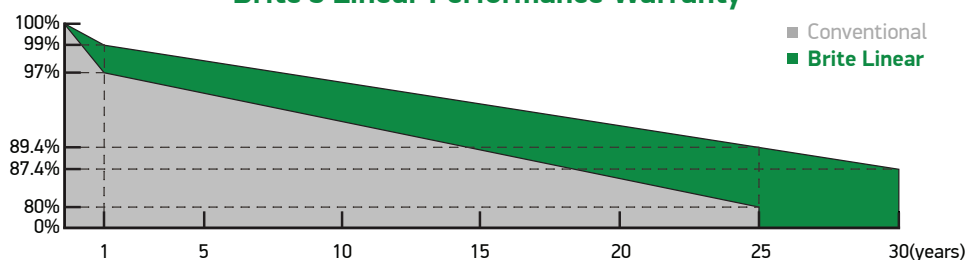
600
Wp

0.00
%T

12 Years
Material & Craft
Quality
Assurance

30 Years
Power
Output
Guarantee

Brite's Linear Performance Warranty



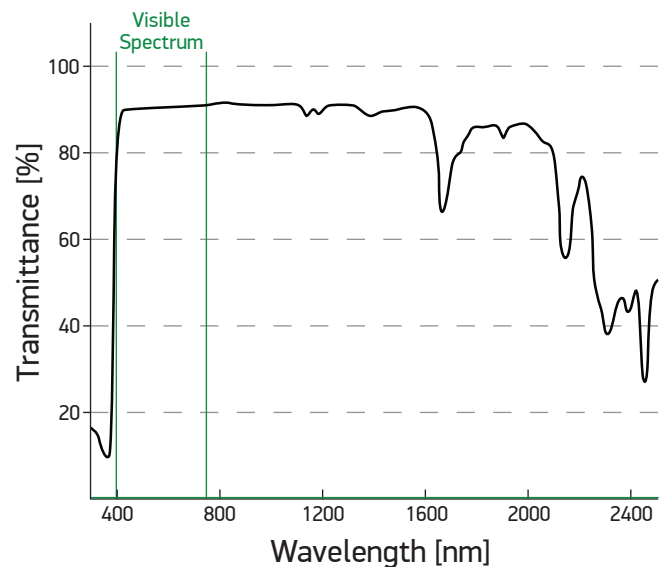
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
IEC/EN61215 - IEC/EN61730 - ANSI/UL61703



Mechanical Specifications

Length	2382mm
Width	1134mm
Thickness	30mm
Solar Cells	182mm x 91mm, 132pcs
Solar Cell Type	N Monocrystalline
Solar Module Area	2.584m ²
Front Glass	2 mm Tempered
Weight	32.5kg
Cable	4mm ²
Junction Box	IP68, 3 diode
Connectors	MC4 Compatible
Shading	100%
Operating Temperature	-40 to 85°C
Maximum Static Load	5400Pa
Panel Construction	Glass-Glass

Light Transmittance



Electrical Specifications (STC)

Short Circuit Current (Isc)	16.11A
Opt. Operating Current (Impp)	15.15A
Open Circuit Voltage (Voc)	47.19V
Opt. Operating Voltage (Vmpp)	39.60V
Nominal Max Power (Pmax)	600Wp
Maximum System Voltage	1500V
Maximum Series Fuse Rating	25A

Temperature Coefficients

Temp. Coefficient Pmax (%/°K)	-0.3
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



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