

BSG-135/80

Bifacial Agri-PV Solar Panel | GreenGlass™

Advantages



High Light
Transmissivity



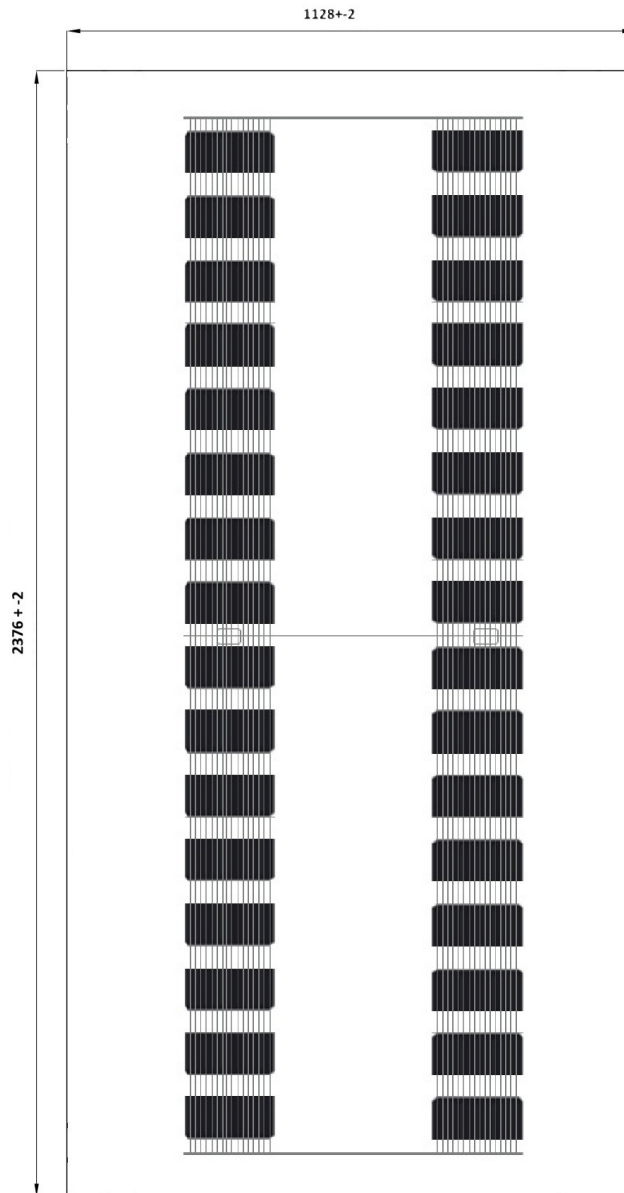
Optional Glass for
High Degree of Light
Diffusion



Suitable for New or
Retrofit Greenhouse
Applications



Available in
Custom Sizes



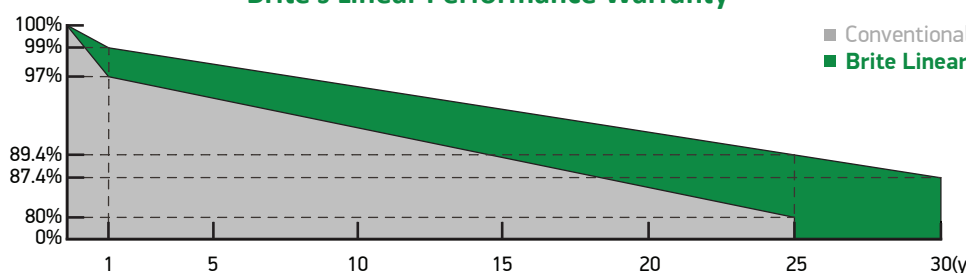
135
Wp

80
%T

12 Years
Material & Craft
Quality
Assurance

30 Years
Power
Output
Guarantee

Brite's Linear Performance Warranty



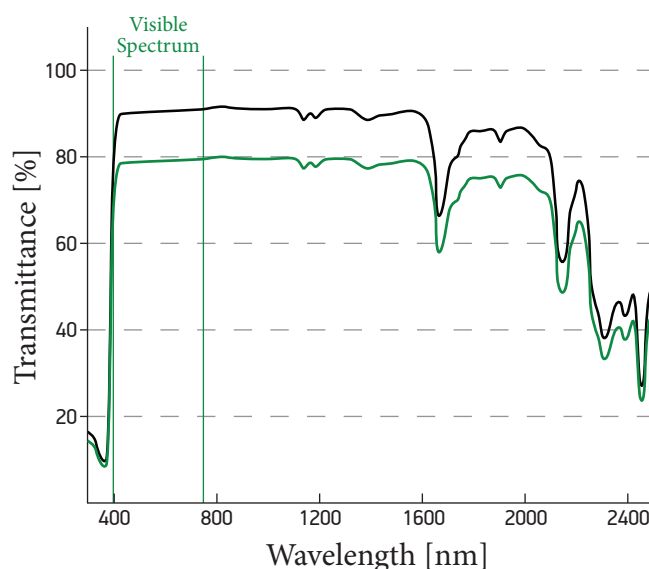
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
IEC/EN61215 - IEC/EN61730 - ANSI/UL61703



Mechanical Specifications

Length	2376mm
Width	1128mm
Thickness	5mm
Solar Cells	182mm x 91mm, 32pcs
Solar Cell Type	N Monocrystalline
Solar Module Area	0.530m ²
Front Glass	2 mm Tempered
Weight	29,6kg
Cable	4mm ²
Junction Box	IP68, 1 diode
Connectors	MC4 Compatible
Shading	20%
Operating Temperature	-40 to 85°C
Maximum Static Load	5400Pa

Light Transmittance



Electrical Specifications (STC)

Short Circuit Current (Isc)	14.82A
Opt. Operating Current (Imp)	13.98A
Open Circuit Voltage (Voc)	11,34V
Opt. Operating Voltage (Vmp)	9.66V
Nominal Max Power (Pmax)	135Wp
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	36 Pcs
Modules Per 40' Container	576 Pcs



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