

Advantages



High Light Transmissivity



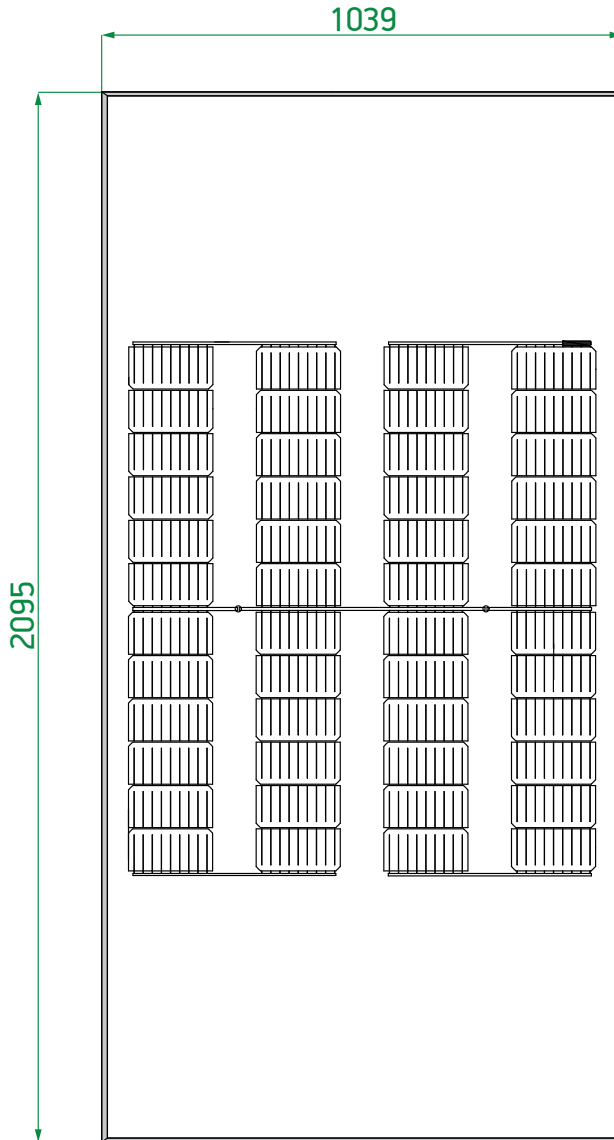
Optional Glass for High Degree of Light Diffusion



Suitable for New or Retrofit Greenhouse Applications



Available in Custom Sizes



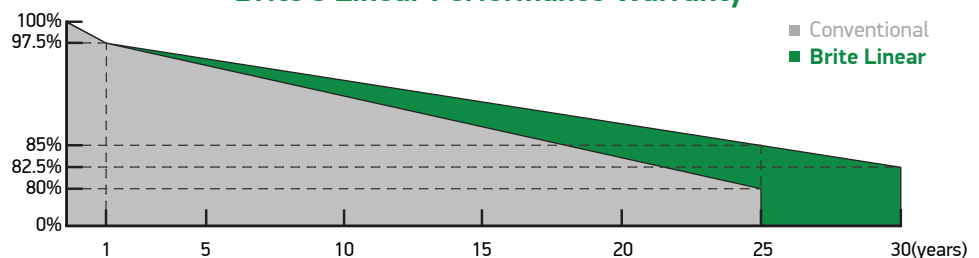
150
Wp

69.35
%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	2095mm
Width	1039mm
Thickness	30mm
Solar Cells	166mm x 83mm, 48pcs
Solar Cell Type	Bifacial Monocrystalline
Solar Module Area	0.661m ²
Front Glass	2mm Tempered AR >93.5% TL
Encapsulant	POE/EVA
Back Glass	2mm Transparent
Weight	28.6kg
Cable	TUV Certified 4mm ²
Junction Box	IP68 - 2 Bypass Diodes
Connectors	MC4 Compatible
Shading	31.00%
Operating Temperature	-40~+85°C
Maximum Static Load	5400Pa

Electrical Specifications (STC)

Short Circuit Current (Isc)	11.40A
Opt. Operating Current (Imp)	10.72A
Open Circuit Voltage (Voc)	16.86V
Opt. Operating Voltage (Vmpp)	13.99V
Nominal Max Power (Pmax)	150Wp
Power Output Tolerance	±2%
Maximum System Voltage	1500V
Maximum Series Fuse Rating	20A

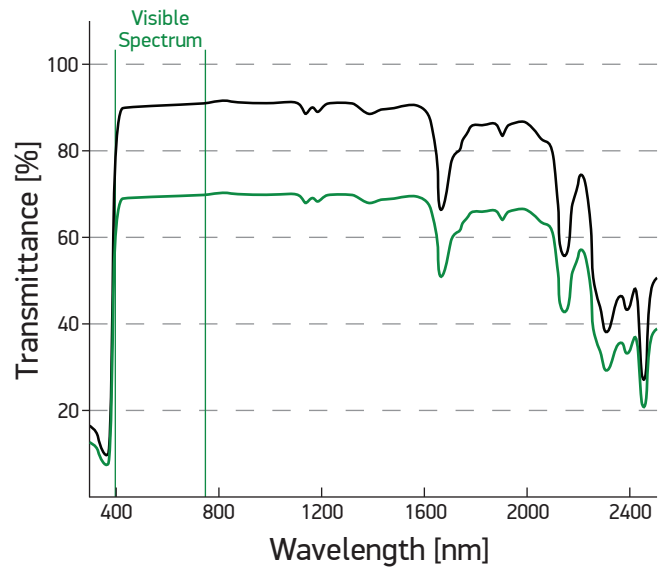
Temperature Coefficients

Temp. Coefficient Pmax (%/°K)	-0.397
Temp. Coefficient Voc (%/°K)	-0.281
Temp. Coefficient Isc (%/°K)	0.0282
Nominal Operating Cell Temp.	45±2°C

Packaging Configuration

Modules Per Box	35 Pcs
Modules Per 40' Container	770 Pcs

Light Transmittance



Half the current, reducing hot spot temperatures



Superior low irradiance performance



Excellent temperature coefficient characteristics



No snail trail



Fully symmetrical structure to prevent micro cracks



Assembled with thinner and lighter glass (2mm)



Half cell, MBB technology, 'series then parallel' cell connection design



Highly corrosion resistant



Thermi 2 Building, 9th km. Thessaloniki - Thermi,
 P.O. Box D8129, 57001 Thermi, Greece
 Tel. +30 2310 321342, email: info@britesolar.com
www.britesolar.com