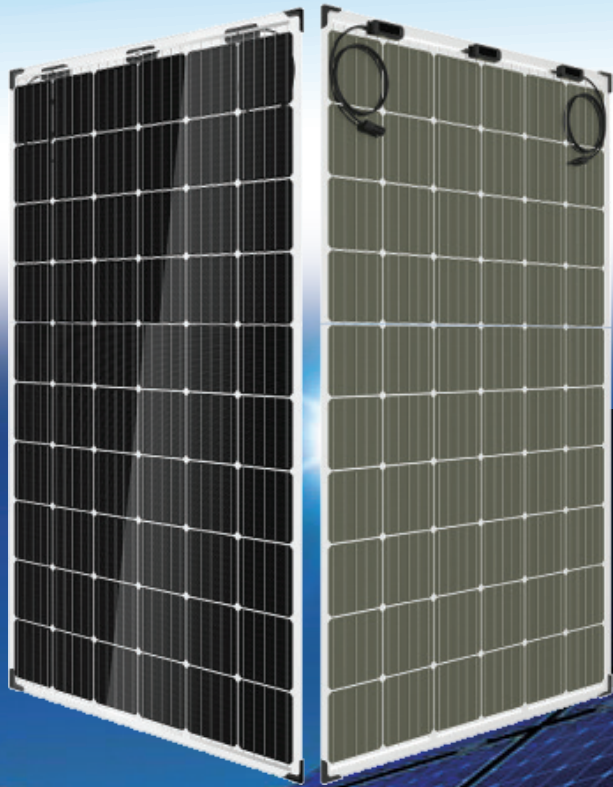


CITIZEN SOLAR
solarising the nation



BIPV **CSPL DUAL BIPV**
60 CELL SERIES 300-315 Watt
MONO CRYSTALLINE BIPV MODULE

ISO 9001:2015, ISO 14001:2015,
OHSAS18001:2007 Certified Company

Key Features

PID Free
The possibility of PID effect generation is greatly reduced by unique frameless design.



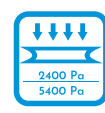
Improved Durability and Reliability:
Dual glass reduces micro-cracking, snail trails, corrosions caused by moisture, sand, salt mist, acid, alkali, etc. The optional Solar Super Shell Tape designed for dual glass module edge sealing helps prevent water vapor from entering the module and improve the reliability significantly.



Less Maintenance Requirement:
Reduced soiling and snow coverage requires less maintenance and enhances fire safety



Strengthened Mechanical Support:
5400 Pa snow load, 2400 Pa wind load



Aesthetically Pleasing Design:
White encapsulation material maximizes module efficiency. up to 19.2% Transparent EVA increases light transmission, ideal for installations requiring light to pass through

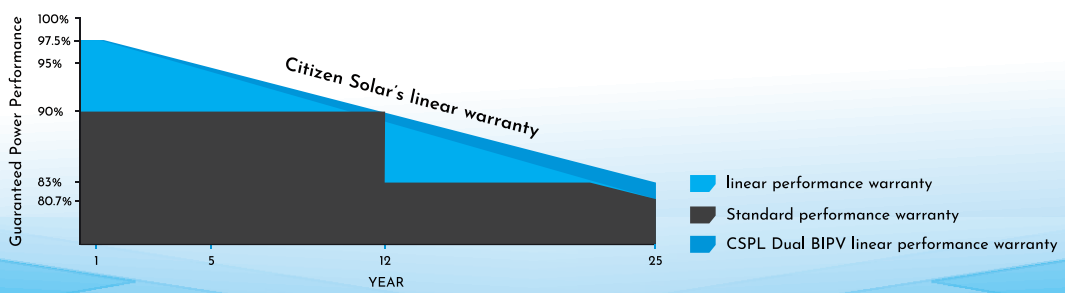


Higher Lifetime Power Yield:
0.7 to 0.8% annual power degradation
25 year linear power warranty



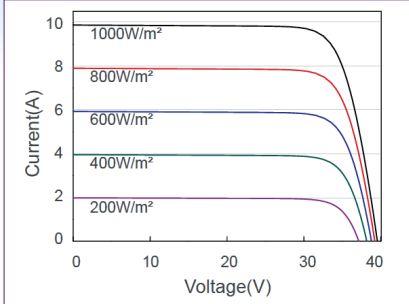
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty
0.7 to 0.8% Annual Degradation Over 25 years

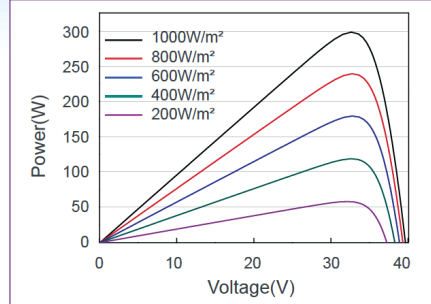


Electrical Performance & Temperature Dependence

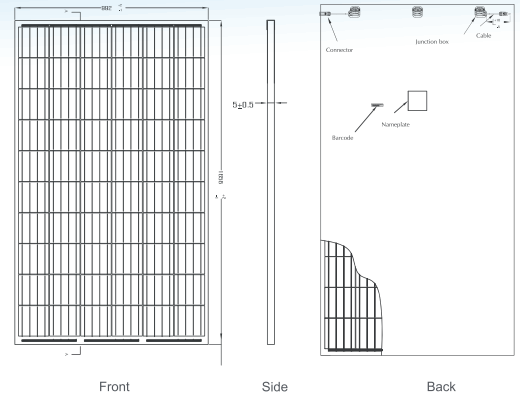
Current-Voltage Curve CSPL-300W



Power-Voltage Curve CSPL-300W



Engineering Drawing



Mechanical Characteristics

Cell Type	Poly/Mono crystalline 156.75x156.75mm
No. of cells	60 (6x10)
Dimensions	1658x992x5mm (2.0mm Glass)
Weight	24kg
Front Glass	2.0mm High transmission, Anti-Reflection coating, semi-tempered glass
Back Glass	2.0mm Semi-tempered glass
Junction Box	IP67/68 Rated
Output Cables	TUV 1x4.0mm

SPECIFICATIONS

Module Type	CSPL300		CSPL305		CSPL310		CSPL315	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Maximum Power(Pmax) [W]	300W	222	305W	226	310W	229	315W	233
Open Circuit Voltage(Voc) [V]	40.2	36.75	40.35	36.95	40.63	37.23	40.91	37.45
Maximum Power Voltage(Vmp) [V]	32.72	29.80	32.98	30.01	33.27	30.30	33.52	30.55
Short Circuit Current(Isc) [A]	9.65	7.80	9.72	7.88	9.80	7.93	9.87	7.99
Maximum Power Current(Imp) [A]	9.17	7.45	9.25	7.52	9.32	7.57	9.40	7.63
Module Efficiency STC (%)	18.2		18.5		18.8		19.2	
Operating Temperature (°C)	-40°C~+85°C							
Maximum System Voltage	1000VDC							
Maximum Series Fuse Rating	15AMP							
Power Tolerance	0~±3W							
Temperature Coefficient of Pmax	+0.059%/°C							
Temperature Coefficient of Voc	-0.300%/°C							
Temperature Coefficient of Isc	-0.380%/°C							
Nominal Operating Cell Temperature (NOCT)	45±2°C							

STC : Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT : Irradiance 800W/m²

Cell Temperature 20°C

AM=1.5

Wind speed 1 m/s

Remark: READ SAFETY AND INSTALLATION MANUAL BEFORE USING THE PRODUCT. • Specification included in this datasheet are subject to change without notice. Electrical data without guarantee. Please Confirm your exact requirement with the company representative while placing your order.

Power measurement tolerance : ± 3%

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