

## LF335WP-US

Highest Efficiency Monocrystalline Photovoltaic Module



### Features

- High module efficiency and stable power output based on leading process technology
- Outstanding electrical performance under high-temperature conditions or low-irradiance conditions
- Engineering innovation that creates an unmatched balance of power and performance
- Ease of installation and all-weather applications due to our innovative engineering design for size and weight
- Withstands high wind-pressure and loads
- Handles 1" diameter hail crystals

### Applications

*Lifeline panels are ideal for grid tie applications*

- Residential roof top systems
- Large commercial grid tie systems
- Public & industrial applications
- Water pumping systems
- Ground mounted solar arrays



*\*Go Solar California SB1 Compliance Photovoltaic Modules*  
*\*\*Certified in accordance with the Florida Solar Energy Center*



### Quality and Warranty

- High average cell efficiency
- Peak power of single module is guaranteed in  $\pm 3\%$  power tolerance
- Average power of modules in single order is guaranteed not less than the peak power

### Meets all "Made in the U.S.A." requirements

- ETL approved under UL-1703 standard
- Modules are fire rated: Class C
- Modules are listed under CEC 300-2008
- 25 year power output warranty @ 80%  
*(Refer to warranty issued by Lifeline Energy)*

### Lifeline Energy, USA

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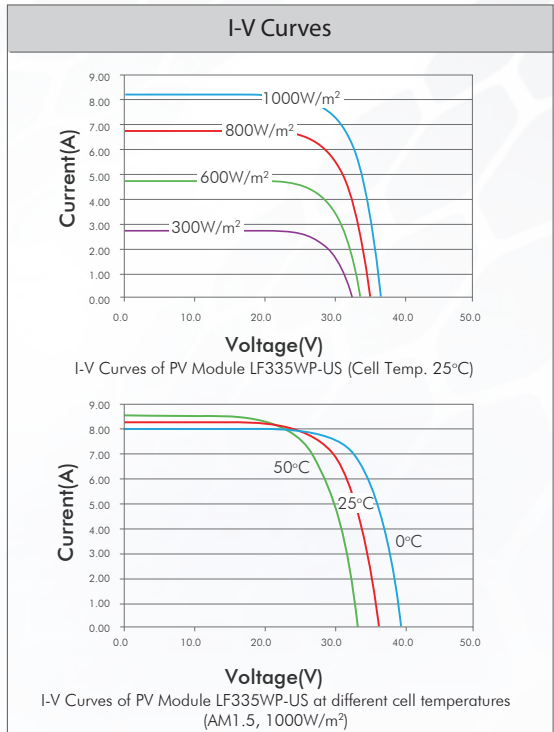
## LF335WP-US // Specifications and Performance

Module Output Cables Now Compliant with 12AWG with Locking Connectors

Electrical Data		
STC: 1000W/m <sup>2</sup> , AM=1.5 and 25°C cell temperature; NOCT: Nominal Operating Cell Temperature		
Module Type	Unit	LF335WP-US
Maximum Power (Pmax)	W	335
Power Tolerance	%	(0, +3)
Open Circuit Voltage	V	49.9
Short Circuit Current (Isc)	A	9.00
Maximum Power Voltage (Vmp)	V	41.5
Maximum Power Current (Imp)	A	8.07
Cell Efficiency (ηc)	%	18
Module Efficiency	%	15.6
Cell Technology	156mm x 156mm Monocrystalline Silicon; 80pcs (8x10)	
Pmax Temperature Coefficient	%/°C	-0.48
Voc Temperature Coefficient	%/°C	-0.37
Isc Temperature Coefficient	%/°C	+0.09
Maximum System Voltage	VDC	600 (UL)
Operating Temperature	°C	-40°C ~ +90°C
NOCT	°C	50

\*Deviation of Vm(V), Im(A), Voc(V) and Isc(A) of ±10%

Mechanical Data	
*Specifications are subject to change without further notice	
Dimension	1614 x 1327 x 50 mm (63.5 x 52.2 x 2 in)
Weight	29 kg (64.0 lbs.)
Output Cables	1m cable (39 3/8 in), 12 AWG, UL approved
Diode	15A x 4
Junction Box	QC-Solar, IP-65 rated, UL approved
Connectors	MC-4, IP-67, UL approved
Encapsulation Material	EVA (0.46 thickness)
Back Foil	Black or White (UV protected)
Front Glass	4mm tempered low-iron glass
Frame	Anodized aluminum alloy type 6063-T5



### Warranty Information

**25-years: Performance Warranty on Power Output**

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(Refer to warranty issued by Lifeline Energy)

