

## LEVEL 10/EA-D63 325|330|335|340P

Energy America's top of the range module is a product for high energy systems, increasing by up to 58%, saving BOS cost.



### KEY SPECS

Designed for high voltage systems

Excellent module efficiency of  
up to: 17.59 %

Outstanding low irradiance  
performance: 98.0 %

High PTC rating of up to: 94.21 %

IP68 junction box for long-term  
weather endurance

Heavy snow load up to 5500 Pa,  
wind load up to 2500 Pa

**Linear power output warranty (30 years)**

**Product warranty on materials and workmanship (15 years)**

---

### Management System Certificates\*

ISO 9001:2008 / Quality management system

ISO 14001:2004 / Standards for environmental management system

OHSAS 18001:2007 / International standards for occupational health & safety

### PRODUCT CERTIFICATES\*

IEC 61215 / IEC 61730: VDE / MCS / CE

UL 1703 / IEC 61215 performance: CEC listed (US)

UL 1703: CSA / IEC 61701 ED2: VDE / IEC 62716: VDE

UNI 9177 Reaction to Fire: Class 1

IEC 60068-2-68: SGS

Take-e-way

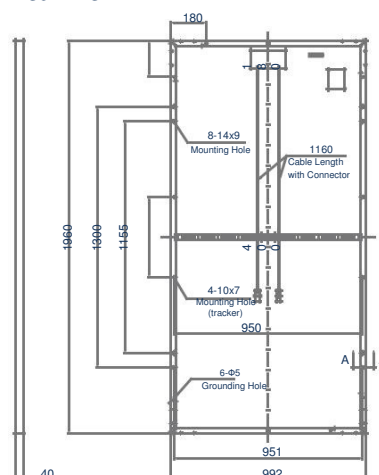


\* Please contact your local Energy America sales representative for the specific product certificates applicable in your market.

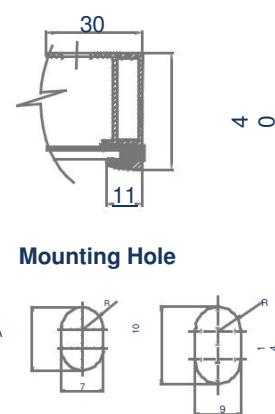
---

**ENERGY AMERICA INC.** is committed to providing high quality solar products, solar system solutions and services to customers around the world. As a leading PV project developer and manufacturer of solar modules with over 10 GW deployed around the world since 1995.

### Rear View



### Frame Cross Section A-A



### Electrical Data | STC\*

<b>EAD63</b>	<b>325P</b>	<b>330P</b>	<b>335P</b>	<b>340P</b>
Nominal Max. Power (Pmax)	325 W	330 W	335 W	340 W
Opt. Operating Voltage (Vmp)	37.0 V	37.2 V	37.4 V	37.6 V
Opt. Operating Current (Imp)	8.78 A	8.88 A	8.96 A	9.05 A
Open Circuit Voltage (Voc)	45.5 V	45.6 V	45.8 V	45.9 V
Short Circuit Current (Isc)	9.34 A	9.45 A	9.54 A	9.62 A
Module Efficiency	16.72%	16.97%	17.23%	17.59%
Operating Temperature	-40°C ~ +85°C			
Max. System Voltage	1600 V (IEC) or 1600 V (UL)			
Module Fire Performance	TYPE 1 (UL 1703) or CLASS C (IEC 61730)			
Max. Series Fuse Rating	15 A			
Application Classification	Class A			
Power Tolerance	0 ~ + 5 W			

\* Under Standard Test Conditions (STC) of irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C.

### Electrical Data | NMot\*

<b>EA63D</b>	<b>325P</b>	<b>330P</b>	<b>335P</b>	<b>340P</b>
Nominal Max. Power (Pmax)	239 W	242 W	246 W	250 W
Opt. Operating Voltage (Vmp)	34.0 V	34.2 V	34.4 V	34.6 V
Opt. Operating Current (Imp)	7.01 A	7.08 A	7.15 A	7.22 A
Open Circuit Voltage (Voc)	42.4 V	42.5 V	42.6 V	42.7 V
Short Circuit Current (Isc)	7.54 A	7.63 A	7.70 A	7.77 A

\* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m<sup>2</sup>, spectrum AM 1.5, ambient temperature 18°C, wind speed 1 m/s.

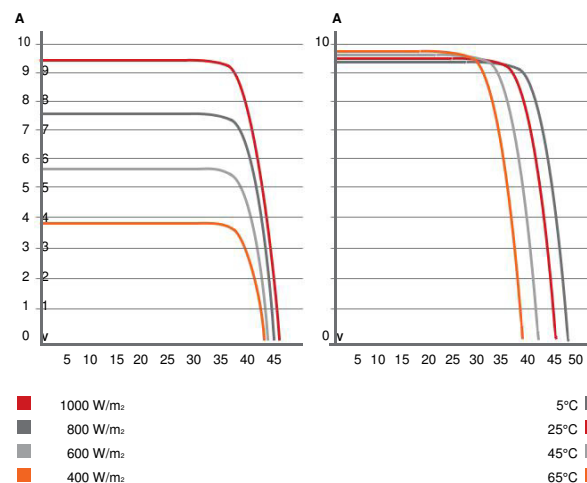
## PERFORMANCE AT LOW IRRADIANCE

Outstanding performance at low irradiance, with an average relative efficiency of 98.0 % for irradiances between 200 W/m<sup>2</sup> and 1000 W/m<sup>2</sup> (AM 1.5, 25°C).

The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to on-going innovation, research and product enhancement, Energy America Inc. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

**Caution:** For professional use only. The installation and handling of PV modules requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using the modules

## EA63D-335P / I-V CURVES



## mechanical Data

Specification	Data
Cell Type	Poly-crystalline, 6 inch
Cell Arrangement	72 (6 × 12)
Dimensions	1960 × 992 × 40 mm (77.2 × 39.1 × 1.57 in)
Weight	22.4 kg (49.4 lbs)
Front Cover	3.2 mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP68, 3 diodes
Cable	4.0 mm <sub>2</sub> (IEC), 12 AWG (UL), 1160 mm (45.7 in)
Connector	T4 series
Per Pallet	26 pieces, 635 kg (1400 lbs)
Per Container (40' HQ)	624 pieces

### temperature characteristics

Specification	Data
Temperature Coefficient (Pmax)	-0.44 % / °C
Temperature Coefficient (Voc)	-0.33 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature (NMOT)	43 ± 2 °C

## Partner section

