

## MOREPOWER

### +3% Positive Tolerance

Positive tolerance on label rating power provides higher kWh for money invested.



Low iron, anti reflective coated glass gives 2% Energy gain.



Matching gives 2% additional power gain measured at STC conditions.



Independently verified by Photon and Öko-Test as amongst the best kWh/kWp output worldwide.



EL screening provides defect free modules.



Long life in marine and high pollution environments.



Pre-approved with financial institutions and rapid capability ensures customers' cost of project is reduced.



Audited controls for high value consistency.

## FOR LONGER

### True Linear Warranty 25 years

Highest power warranty coverage available on a linear basis.

### Workmanship Warranty 12 years

12 years global workmanship warranty.

### Strength 5400Pa

Industry leading snow loading capacity.

### Degradation Resistance

Superior resistance to PID.

### Low Carbon Footprint

One of the lowest carbon footprints over 100 years life cycle.

### Green Credentials

Fully committed to recycling during production and end of product life, a dedicated member of PV cycle.

### Eco Friendly Packaging

Friendly materials choice with high density packing.

### ISO14001 accredited ISO

Continuous improvement in reducing environmental impact.



## MUCH SAFER

## AND GREENER

ISO9001  
ISO14001  
OHSAS18001



### Electrical Data (STC)

Module Type	ECO-315P	ECO-320P	ECO-325P	ECO-330P	ECO-335P
Maximum Power at STC - $P_{mp}$ (W)	315	320	325	330	335
Open Circuit Voltage - $V_{oc}$ (V)	45.90	46.30	46.70	47.10	47.50
Short Circuit Current - $I_{sc}$ (A)	8.98	9.03	9.07	9.12	9.16
Maximum Power Voltage - $V_{mp}$ (V)	37.30	37.70	38.10	38.60	39.00
Maximum Power Current - $I_{mp}$ (A)	8.45	8.49	8.53	8.56	8.60
Module Efficiency STC- $\eta_m$ (%)	16.20	16.40	16.70	17.00	17.20

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5

### Electrical Data (NOCT)

Module Type	ECO-315P	ECO-320P	ECO-325P	ECO-330P	ECO-335P
Maximum Power at STC - $P_{mp}$ (W)	230	233	237	241	245
Open Circuit Voltage - $V_{oc}$ (V)	41.40	41.50	41.60	41.70	41.80
Short Circuit Current - $I_{sc}$ (A)	7.45	7.55	7.62	7.69	7.76
Maximum Power Voltage - $V_{mp}$ (V)	33.10	33.20	33.40	33.60	33.80
Maximum Power Current - $I_{mp}$ (A)	6.94	7.02	7.09	7.16	7.23

NOCT: Irradiance 800 W/m<sup>2</sup> ambient temperature 20°C wind speed :1m/s

### Maximum Ratings

Maximum System Voltage (V)	1000 (TÜV), 1000 (UL)
Maximum Series Fuse Rating (A)	15

### Temperature Ratings

Pmax Temperature Coefficient	-0.40 %/°C
Voc Temperature Coefficient	-0.32 %/°C
Isc Temperature Coefficient	+0.04 %/°C
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C

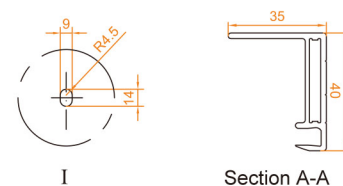
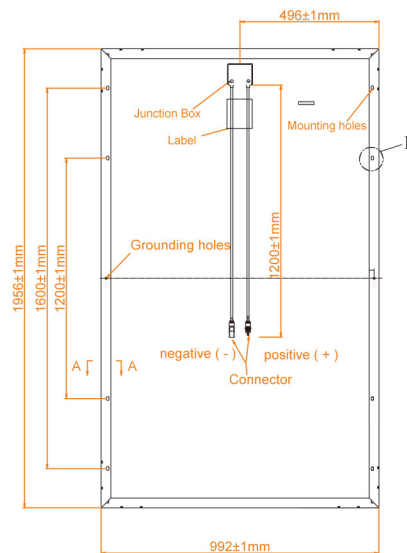
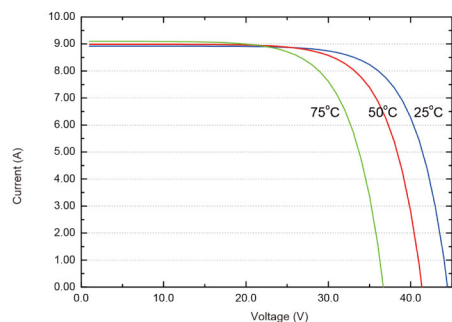
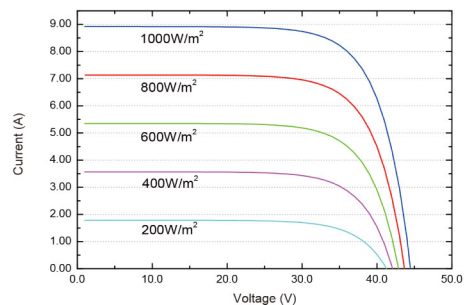
### Mechanical Data

External Dimensions	1956 x 992 x 40 mm
Weight	22.4 kg
Solar Cells	Polycrystalline 156 x 156 mm (72pcs)
Front Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP65/IP67
Output Cables	4.0 mm <sup>2</sup> , cable length:1200 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa

### Packing Configuration

Container	40'HG
Pieces per Pallet	26
Pallets per Container	22
Pieces per Container	572

### I-V&P-V Curve (ECO-320P)



\* All Dimensions in mm