



MONO-CRYSTALLINE MODULE

CE-295/300/305/310/315/320M60



Features

- High conversion efficiency through advanced manufacturing technology
- 12 years product warranty, 25 years linear performance warranty
- 3%- 5% positive tolerance ensures more power generated
- Withstand snow loads up to 5400Pa and wind loads up to 2400Pa under extreme temperature
- Anti-PID modules effectively reduce the loss in solar panel power output
- Anti salt mist corrosion & anti-ammonia corrosion test

Certificates

- Manufactured according to International Management System Standard
Quality Management system: ISO9001
Environmental Management System: ISO14001
Occupational Health and Safety Management System: OHSAS18001
- Certified and approved by CE, TUV, IEC 61215, IEC 61730, MCS, CEC and PV CYCLE



Tel: +86 25 8655 0862

Email: info@centro-energy.com

Web: www.centro-energy.com

Chinese Factory Add: Chang'an Town, Huishan District, Wuxi, Jiangsu, China

Vietnam Factory Add: Dai Dong-Hoan Son Industrial Zone, Bac Ninh Province, Vietnam

MONO-CRYSTALLINE MODULE

CE-295/300/305/310/315/320M60

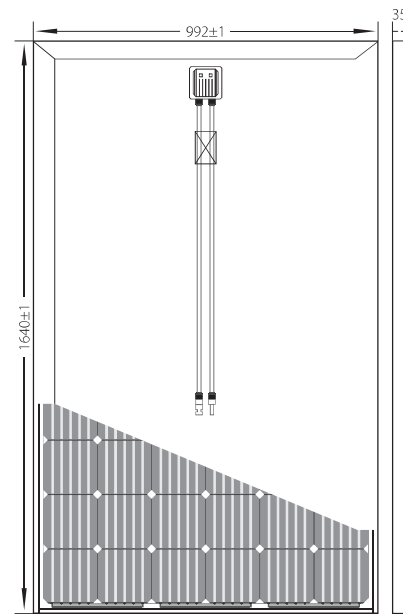


Electrical Characteristics under STC*

Module Type	CE-295M60	CE-300M60	CE-305M60	CE-310M60	CE-315M60	CE-320M60
Maximum Power-Pmax (Wp)	295	300	305	310	315	320
Voltage at Maximum Power-Vmp (V)	32.4	32.6	32.8	33.0	33.2	33.4
Current at Maximum Power-Imp (A)	9.11	9.21	9.30	9.40	9.49	9.59
Open Circuit Voltage-Voc (V)	39.9	40.1	40.3	40.5	40.7	40.9
Short Circuit Current-Isc (A)	9.60	9.72	9.83	9.92	10.04	10.15
Module Efficiency-ηm (%)	18.0	18.3	18.6	18.9	19.2	19.5
Power Tolerance (%)	0/+3	0/+3	0/+3	0/+3	0/+3	0/+3

Mechanical Characteristics

Cell Type	Mono-crystalline	156.75×156.75 mm
Number of Cells	60 (6×10)	
Dimension	1640×992×35 mm (64.57×39.06×1.38 inches)	
Weight	20.0 kg	
Front Glass	Low Iron Tempered Glass	
Encapsulant	EVA	
Frame	Anodized Aluminum Alloy	



Temperature Characteristics

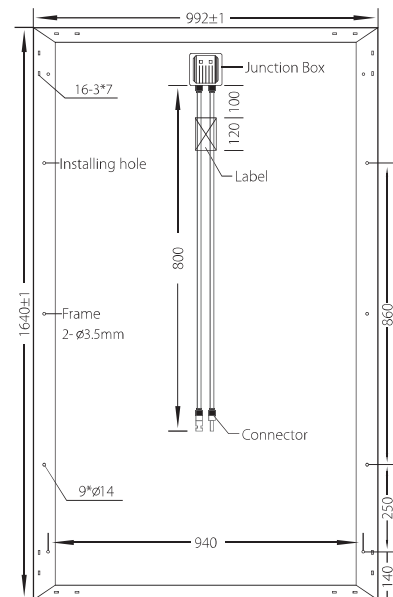
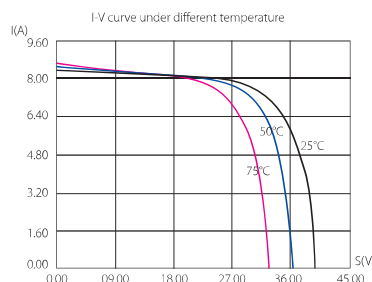
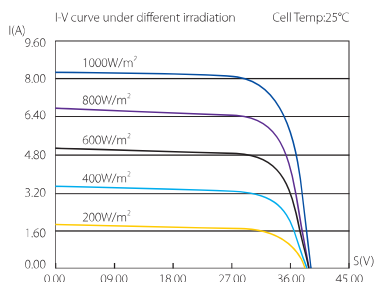
NOCT*	45±2°C
Temperature Coefficient of Pmax (%)	-0.40/°C
Temperature Coefficient of Voc (%)	-0.31/°C
Temperature Coefficient of Isc (%)	0.04/°C

Maximum System Ratings

Operating Temperature	-40°C to +80°C
Maximum System Voltage	1000V DC
Maximum Series Fuse Rating	16A

Warranty

- 12 years product warranty
- 12 years warranty on 90% power output
- 25 years warranty on 80% power output



*STC (Standard Testing Conditions): Irradiance 1000 W/m², cell temperature 25 °C, AM=1.5
ambient temperature 20 °C, wind speed 1 m/s

*NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m²,
The specifications in this datasheet are subjected to change without prior notice