

EG-365M72-C MONOCRYSTALLINE 72-CELL MODULE 345 ~ 365WP

0-+3% POSITIVE TOLERANCE



* Black Frames Applied



5 Bus Bar Solar CELL

KEY FEATURES



High Efficiency

Leading PERC technology achieves higher module efficiency up to 18.7%



Excellent Low-light Performance

Advanced solar cell surface texturing technology allows for excellent performance in low-light environments



High Reliability

Strict in-house testing in PV Lab which is CNAS approved & VDE certified



Highly Strengthened Design

Certified to withstand: 5400Pa snow load and 2400Pa wind load

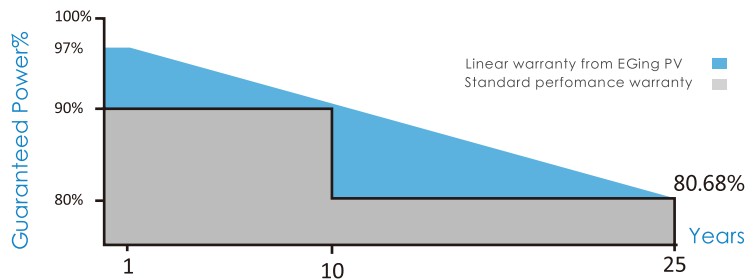


PID Resistant

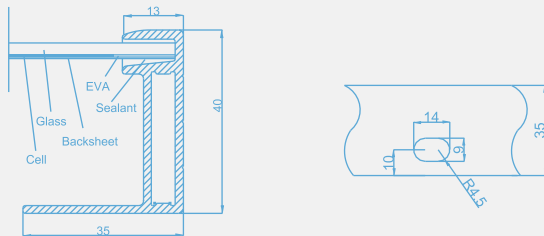
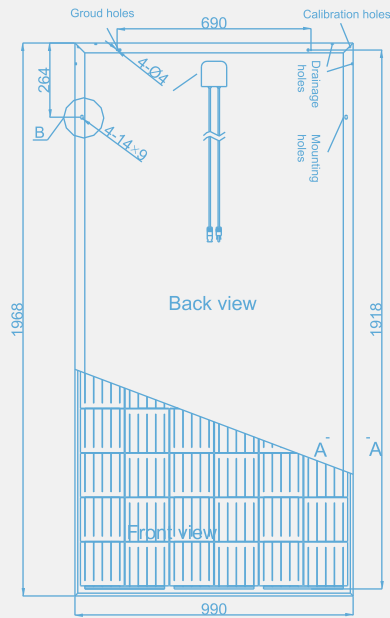
Excellent PID optimized, 1% less power degradation

LINEAR PERFORMANCE WARRANTY

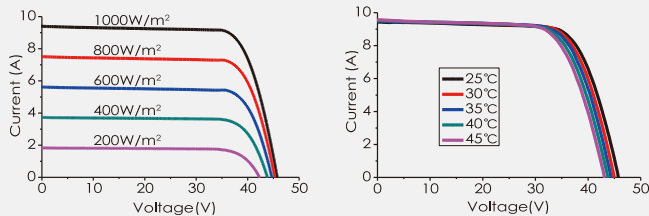
10 Year Product Warranty • 25 Year Linear Power Warranty



EG-365M72-C



I-V Curves



Packing Configuration

Pieces per pallet	26
Size of packing (mm)	2000*1120*1140
Weight of packing (kg)	630
Pieces per container	572
Size of container	40' HC

Electrical Characteristics

STC	EG -345 M72-C	EG -350 M72-C	EG -355 M72-C	EG-360 M72-C	EG-365 M72-C
Pmax (W)	345	350	355	360	365
Vmp (V)	38.04	38.26	38.47	38.51	38.71
Imp (A)	9.07	9.15	9.23	9.35	9.43
Voc (V)	47.09	47.35	47.55	47.69	47.75
Isc (A)	9.57	9.66	9.75	9.87	9.96
Module efficiency (%)	17.71	17.96	18.22	18.47	18.73
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	15				
Power tolerance (%)	0~+3				
Temperature coefficient	Pmax (%/°C)	-(0.43±0.05)			
	Isc (%/°C)	0.04±0.015			
	Voc (%/°C)	-(0.325±0.1)			

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

NOCT	EG -345 M72-C	EG -350 M72-C	EG -355 M72-C	EG-360 M72-C	EG-365 M72-C
Pmax (W)	251.22	254.86	258.50	262.68	268.24
Vmp (V)	34.76	34.96	35.16	35.45	35.91
Imp (A)	7.23	7.29	7.35	7.41	7.47
Voc (V)	43.50	43.72	43.92	44.15	44.36
Isc (A)	7.72	7.81	7.87	7.89	7.91
Power tolerance (%)	±3%				

NOCT: Irradiance 800W/ m², ambient temperature 20°C, wind speed 1m/s

Mechanical Characteristics

Number of cells (pcs)	72
Size of cell (mm)	156.75*156.75
Type of cell	Mono
Type of frame	Anodized aluminum alloy
Junction box	IP67
Size of module (mm)	1968*990*40
Weight (kg)	22.3
Cables/connectors	PV1-F, 4mm ² , MC4 compatible

Maximum Ratings

Operating Temperature(°C)	-40~85
Operating Humidity(%)	5~85
Allowable Hail Load	25mm ice - ball with velocity of 23m/s

Revised on March, 2017

CAUTION:
Specifications included in this datasheet are subject to change without notice.