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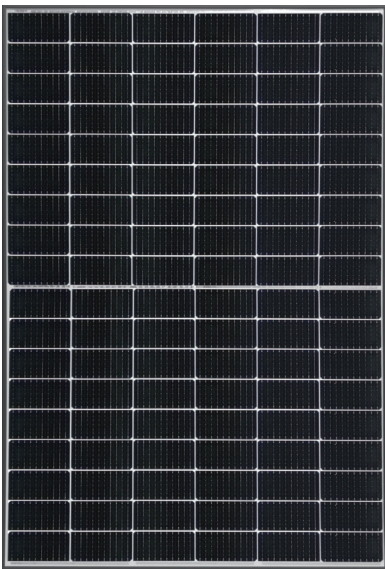
108 HALF-CUT CELLS
MONOCRYSTALLINE MODULE

385Wp-405Wp
POWER RANGE

20.71%
MAXIMUM MODULE EFFICIENCY

Model 390 watt

KEY FEATURES



Mbb half cell design

Half-cut cells brings lower resistance and increased Multi Busbar reflectance ensures higher power output



More Power

Innovative 182mm big cell applied to ensure module power up to 405Wp



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 & TUV/VDE certified

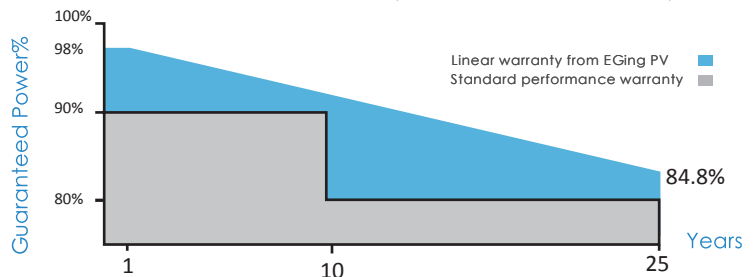


Highly Strengthened Design

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

LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty • 25 Year Linear Power Warranty

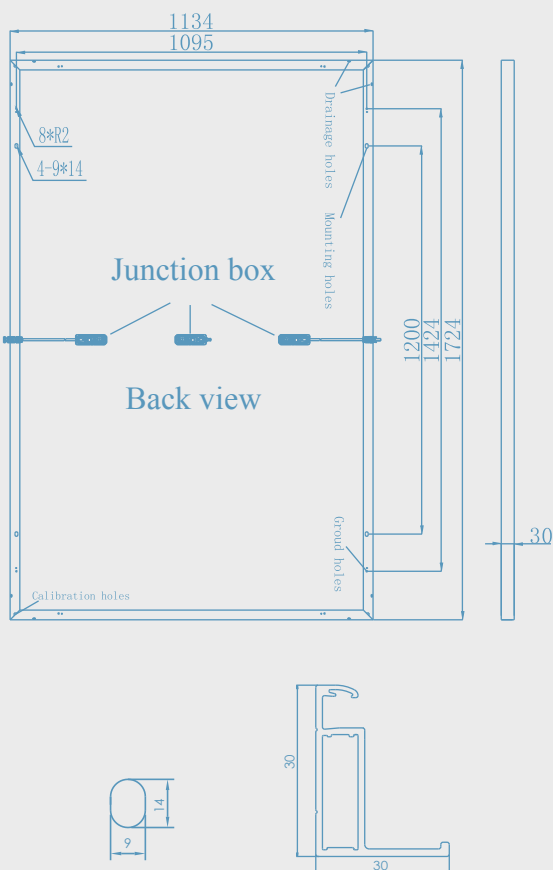


· ISO9001:2015, ISO14001:2015, ISO45001:2018
QC080000:2017, IEC TS 62941
certified factory

· IEC61215, IEC61730, UL1703, IEC62804, IEC62716
certified product



As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGing PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

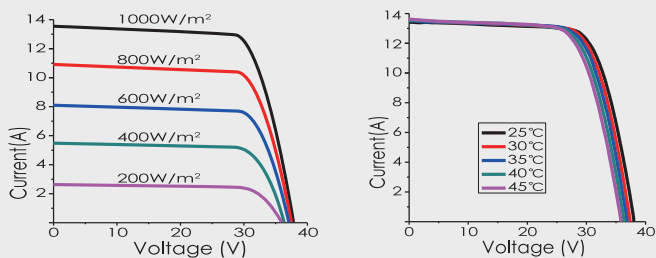
Engineering Drawings

Electrical Characteristics

STC	EG-385 M54-HL	EG-390 M54-HL	EG-395 M54-HL	EG-400 M54-HL	EG-405 M54-HL
P _{max} (W)	385	390	395	400	405
V _{mp} (V)	30.54	30.79	31.03	31.28	31.52
I _{mp} (A)	12.61	12.67	12.73	12.79	12.85
V _{oc} (V)	36.44	36.69	36.93	37.18	37.42
I _{sc} (A)	13.36	13.42	13.48	13.54	13.60
Module efficiency (%)	19.69	19.94	20.20	20.46	20.71
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	25				
Tolerance (%)	P _{max} :±3% Binning:±5W V _{oc} :±5% I _{sc} :±5%				
Temperature coefficient	P _{max} (%/°C)	-0.350			
	I _{sc} (%/°C)	0.05			
	V _{oc} (%/°C)	-0.275			

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

NOCT	EG-385 M54-HL	EG-390 M54-HL	EG-395 M54-HL	EG-400 M54-HL	EG-405 M54-HL
P _{max} (W)	291	295	299	303	307
V _{mp} (V)	28.20	28.45	28.70	28.94	29.19
I _{mp} (A)	10.32	10.37	10.42	10.47	10.52
V _{oc} (V)	33.89	34.13	34.35	34.58	34.81
I _{sc} (A)	10.93	10.98	11.03	11.08	11.13
Power tolerance	P _{max} :±3% Binning:±5W				

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

I-V Curves

Packing Configuration

Pieces per pallet	35
Size of packing (mm)	1760*1140*1275
Weight of packing (kg)	752
Pieces per container	910
Size of container	40' HC

Mechanical Characteristics

Number of cells (pcs)	108
Size of cell (mm)	182*91
Type of cell	Mono
Thickness of glass(mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Fire class	Class C
Size of module (mm)	1724*1134*30
Weight (kg)	20.2
Cables/connectors	H1Z2Z2-K 4mm ² 01C1/05-8 TL-Cable01s / Staubli MC4
Length of Cabel(mm)	1200

Maximum Ratings

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

Revised in August, 2021

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