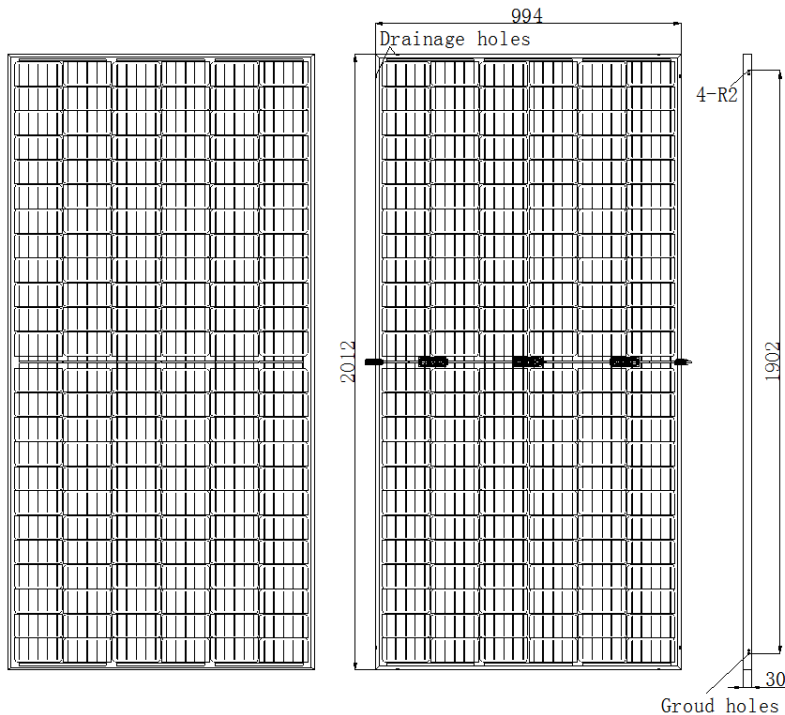




Electrical Characteristics

STC	EG-370 M72-HC/ BF-DG	EG-375 M72-HC/ BF-DG	EG-380 M72-HC/ BF-DG	EG-385 M72-HC/ BF-DG	EG-390 M72-HC/ BF-DG
P _{max} (W)	370	375	380	385	390
V _{mp} (V)	39.41	39.60	39.80	39.98	40.17
I _{mp} (A)	9.39	9.47	9.55	9.63	9.71
V _{oc} (V)	47.77	47.98	48.25	48.50	48.75
I _{sc} (A)	9.76	9.84	9.92	10.00	10.08
Module efficiency (%)	18.50	18.75	19.00	19.25	19.50
Maximum system voltage (V)	1500				
Fuse Rating Current (A)	15				
Power tolerance (%)	0~+3				
Temperature coefficient	P _{max} (%/°C)	-0.390			
	I _{sc} (%/°C)	0.039			
	V _{oc} (%/°C)	-0.295			

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

NOCT	EG-370 M72-HC/ BF-DG	EG-375 M72-HC/ BF-DG	EG-380 M72-HC/ BF-DG	EG-385 M72-HC/ BF-DG	EG-390 M72-HC/ BF-DG
P _{max} (W)	274.24	278.44	281.24	285.06	289.07
V _{mp} (V)	36.42	36.65	36.86	37.07	37.30
I _{mp} (A)	7.53	7.57	7.63	7.69	7.75
V _{oc} (V)	44.17	44.39	44.62	44.84	45.07
I _{sc} (A)	7.98	8.03	8.08	8.14	8.20
Power tolerance (%)	±3				

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

Mechanical Characteristics

Number of cells (pcs)	144
Size of cell (mm)	156.75*78.375
Type of cell	Mono
Size of module (mm)	2012*994*30
Weight (kg)	29.7
Junction box	IP67
Cables/connectors	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

Packing Configuration

Pieces per pallet	30
Size of packing (mm)	2085*1115*1140
Weight of packing (kg)	1065
Pieces per container	748
Size of container	40' HC

I-V Curves

