

bir Dünya enerji

HIGH EFFICIENCY
SOLAR MODULES
265W-285W

60
Cells
Polycrystalline

25%

Up to 25% More Energy

Increased energy yield & faster return on investment through module-level MPPT



Safety Guaranty

Safety during installation, maintenance, firefighting & other emergencies



Constraint Free Design

Maximum space utilization with minimum design time



Cost Efficient Maintenance

Full visibility of system performance & remote troubleshooting

PID

Anti-PID



Positive current sorting

25
YEAR

10-year product warranty
25-year linear performance warranty



Fire test resistance



IP68

IP68 connectors enhance the reliability of the PV system



Certified to withstand increased loads of up to 5400Pa

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Solar Module

ELECTRICAL TYPICAL VALUES

Model	MIR265P 60C/P	MIR270P 60C/P	MIR275P 60C/P	MIR280P 60C/PPERC	MIR285P 60C/PPERC
Type	Polycrystalline 6 Inch x 6 Inch Square, 6 x 10 Pieces in series				
Rated Power (Pmpp)	265	270	275	280	285
Tolerance	0~+5W				
Rated Voltage (Vmpp)	30,80	31,02	31,31	31,58	31,65
Rated Current (Impp)	8,63	8,70	8,80	8,88	9,01
Open Circuit Voltage (Voc)	37,82	38,07	38,33	38,49	38,70
Short Circuit Current (Isc)	9,12	9,22	9,32	9,35	9,55
Module Efficiency (%)	16,28	16,59	16,90	17,21	17,52
Nominal Operation Cell Temperature	45°C ± 2°C				
Voltage Temperature Coefficient	-0,31%/°C				
Current Temperature Coefficient	+0,06%/°C				
Power Temperature Coefficient	-0,40%/°C				

MECHANICAL CHARACTERISTICS

Dimension (L x W x H)	Length: 1640mm (64.57 inch)
	Width: 992mm (39.06 inch)
	Height: 35 mm (1.38 inch)
Weight	19kg (41.9 lbs)
Front Glass	3.2mm toughened glass
Frame	Anodized aluminium alloy
Cable	4mm ² (IEC) / 12AWG (UL), 900mm
Junction Box	IP 68 rated

ABSOLUTE MAXIMUM RATING

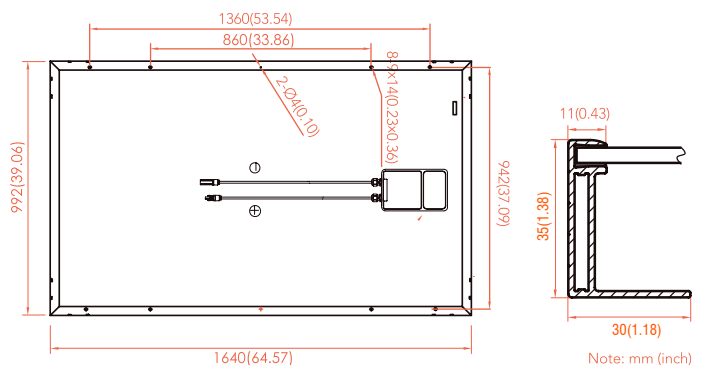
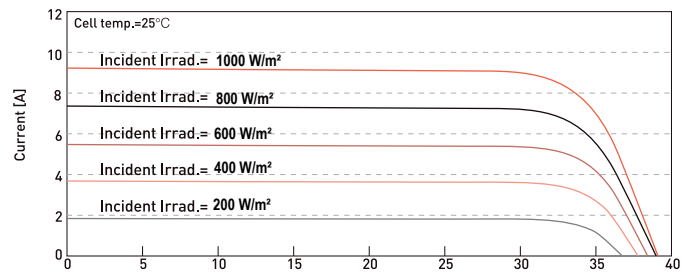
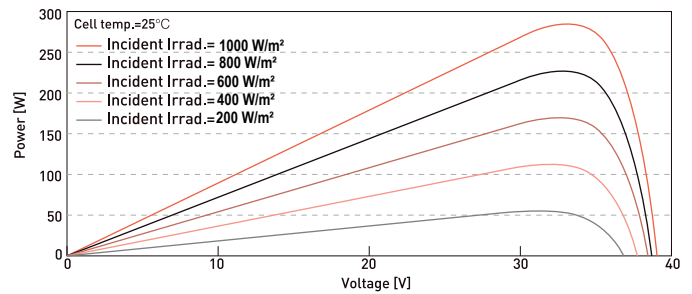
Parameter	Values
Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Surface Maximum Load Capacity	Up to 5400Pa
Maximum Series Fuse Rating	15A
IEC Application Class (IEC61730)	A
Fire Rating (IEC61730)	C
Maximum System Voltage	DC 1000V (IEC)

PACKING CONFIGURATION

Container	40'HQ	20'GP
Pieces / Container	728	264

- In compliance with our warranty terms and conditions.
- Measurement conditions under irradiance level of Standard Test Conditions (STC): 1000 W/m² Air mass 1.5 Spectrum, cell temperature of 25°C.

WEAK LIGHT PERFORMANCE



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Uphill Court Towers B Blok D:122
Ataşehir İstanbul

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