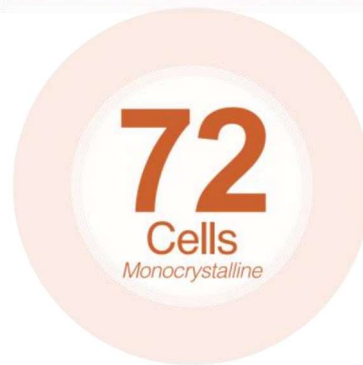




HIGH EFFICIENCY
SOLAR MODULES
340W-380W



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



Anti-PID



Positive current sorting



10-year product warranty
25-year linear performance warranty



Fire test resistance



IP68 connectors enhance the reliability of the PV system



Certified to withstand increased loads of up to 5400Pa

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LOTUS ENERGIE
Reliable Energy Solutions

Solar Module

ELECTRICAL TYPICAL VALUES

Model	MIR340P 72C/M	MIR345P 72C/M	MIR350P 72C/M	MIR355P 72C/M	MIR360P 72C/M	MIR365P 72C/M	MIR370P 72C/MPERC	MIR375P 72C/MPERC	MIR380P 72C/MPERC
Type	Monocrystalline & PERC Monocrystalline 6 Inch x 6 Inch Square, 6 x 12 Pieces in series								
Rated Power (Pmpp)	340	345	350	355	360	365	370	375	380
Tolerance	0~+5W								
Rated Voltage (Vmpp)	38,13	38,27	38,42	38,80	38,93	39,20	39,48	39,93	40,22
Rated Current (Impp)	8,92	9,03	9,13	9,16	9,25	9,32	9,39	9,41	9,46
Open Circuit Voltage (Voc)	46,70	47,00	47,21	47,45	47,66	47,90	48,24	48,48	48,76
Short Circuit Current (Isc)	9,32	9,42	9,64	9,68	9,77	9,81	9,88	9,95	10,01
Module Efficiency (%)	17,56	17,82	18,07	18,33	18,59	18,85	19,11	19,37	19,62
Nominal Operation Cell Temperature	45°C ± 2°C						45°C ± 2°C		
Voltage Temperature Coefficient	-0,31%/°C						-0,29%/°C		
Current Temperature Coefficient	+0,06%/°C						+0,05%/°C		
Power Temperature Coefficient	-0,39%/°C						-0,37%/°C		



LOTUS ENERGIE
Reliable Energy Solutions

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Address: Caferağa Mah. General Asım Gündüz Cad. No:62 / 41 Kadıköy / İSTANBUL



MECHANICAL CHARACTERISTICS

Dimension (L x W x H)	Length: 1956mm (77.01 inch)
	Width: 992mm (39.06 inch)
	Height: 35mm (1.38 inch)
Weight	24kg (52.9 lbs)
Front Glass	3.2mm toughened glass
Frame	Anodized aluminium alloy
Cable	4mm ² (IEC) / 12AWG (UL)
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	576	200

- 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

