

126 Cells

MWT MONO PERC

0 - +5W

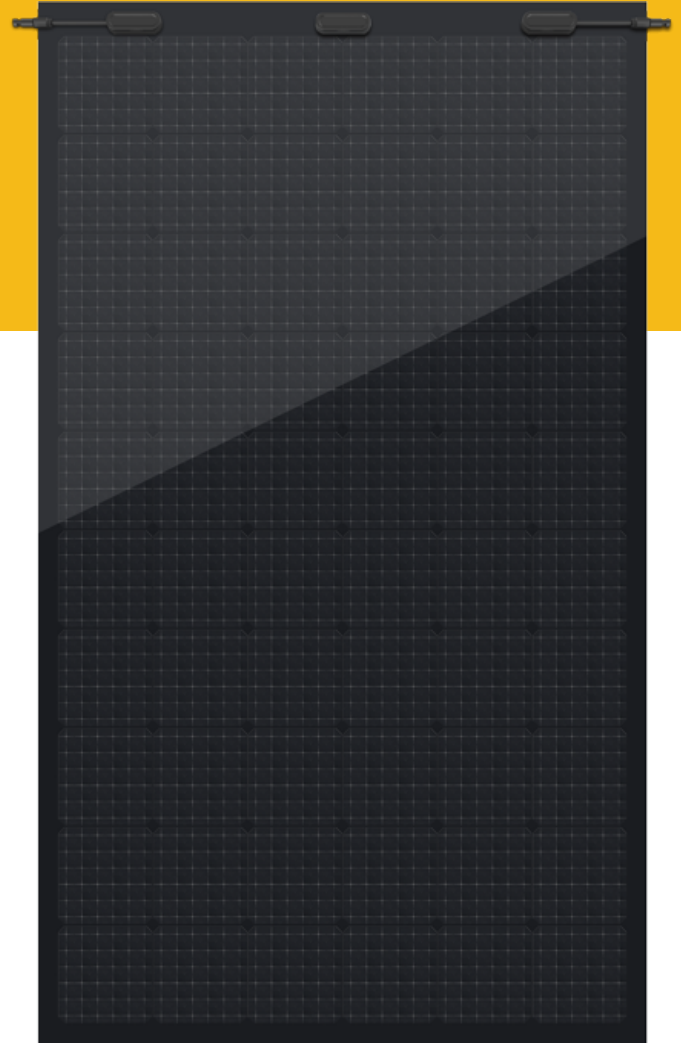
POSITIVE POWER TOLERANCE

21.50%

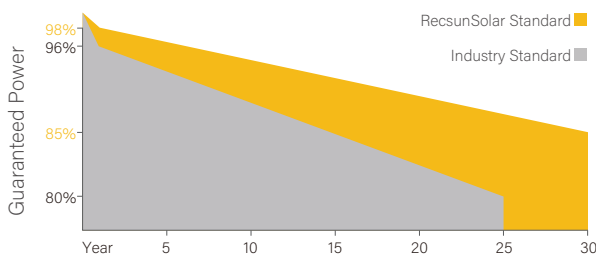
MAXIMUM EFFICIENCY

360W - 380W

MWT MONO PERC FLEXIBLE MODULE



LINEAR PERFORMANCE WARRANTY



15

15 Years Product Warranty

30

30 Years Power Warranty

PRODUCT&QUALITY CERTIFICATIONS

IEC 61215, IEC 61730, IEC 61000

ISO 9001, ISO 14001, ISO 45001

POWER DEGRADATION

<2.0% for the First Year

<0.45% for the 2-30 Years

KEY FEATURES



Light, Thin Design

5.7kg weight, 2.5mm thickness, match various requirements for low-load projects



Excellent Rear Side Power Generation

Eco-friendly PV design achieves lead-free MWT module without soldering materials



Excellent Appearance and Performance

Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.30m, fit all kinds of curved surface perfectly



Better Low Irradiance Performance

Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance conditions



High Reliability

Customized design for different scenarios



Extensive Application Scenes

Easy installation and convenient transportation with lower cost

ELECTRICAL PARAMETERS

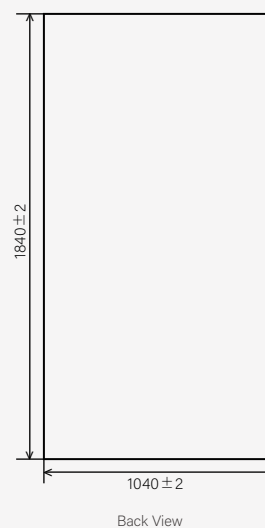
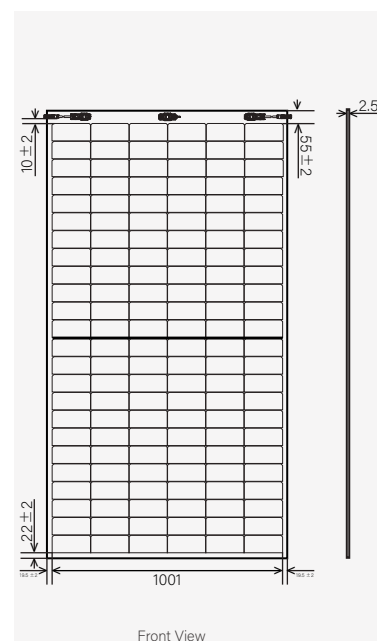
Module Type	RS-MWT360B		RS-MWT365B		RS-MWT370B		RS-MWT375B		RS-MWT380B	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax)	365	270	370	274	375	278	380	282	385	286
Maximum Power Voltage(Vmp)	34.70	32.60	34.90	32.80	35.10	33.00	35.30	33.20	35.30	33.40
Maximum Power Current(Imp)	10.37	8.28	10.46	8.35	10.54	8.42	10.62	8.49	10.70	8.56
Open-Circuit Voltage(Voc)	42.40	39.70	42.60	39.90	42.80	40.10	43.00	40.30	43.20	40.50
Short-Circuit Current(Isc)	10.94	8.84	11.02	8.91	11.10	8.98	11.18	9.05	11.26	9.12
Module-Efficiency(%)	20.70%		21.00%		21.20%		21.50%		21.80%	

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5, Average efficiency reduction of 4.5% at 200W/m². NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL PARAMETERS

Solar Cells	MWT MONO PERC
No. of Cells	126 [21*6]
Module Dimensions	1840*1040*2.5mm
Weight	5.7kg
Bending Radius	0.3m
Encapsulant Material	POE
Backsheet	White
Frame	None
Junction-Box	IP68, Three Diodes
Output Cable	Photovoltaic Technology Cable 4.0mm ²
Connector	MC4 Compatible

DEMENSION PARAMETERS



TEMPERATURE RATINGS

Nominal Operating Cell Temperature	43°C(± 2°C)
Temperature Coefficient of Pmax	-0.360%/°C
Temperature Coefficient of Voc	-0.280%/°C
Temperature Coefficient of Isc	+0.060%/°C

OPERATING PARAMETERS

Operational Temperature	-40°C - +85°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	18A
Mechanical/Wind Load	5400/2400Pa

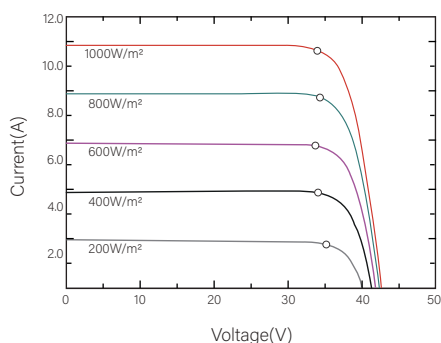
PACKAGING CONFIGURATION 1

PCS/Pallet: 46	PCS/40' HC: 1104
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PACKAGING CONFIGURATION 2

PCS/Pallet: 100	PCS/40' HC: 1800
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I-V CURVES of PV MODULE(370W)



P-V CURVES of PV MODULE(370W)

