

**126 Cells**

MWT MONO PERC

**0 - +5W**

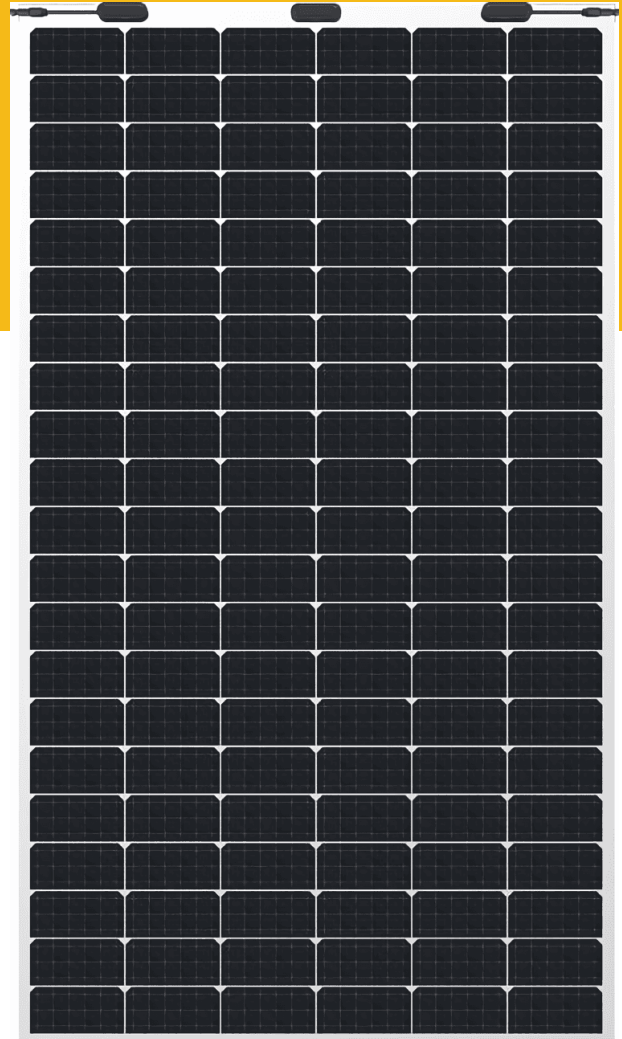
POSITIVE POWER TOLERANCE

**21.80%**

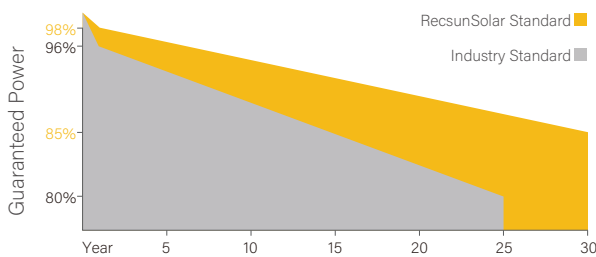
MAXIMUM EFFICIENCY

**365W - 385W**

MWT MONO PERC FLEXIBLE MODULE



**LINEAR PERFORMANCE WARRANTY**



15 Years Product Warranty



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**

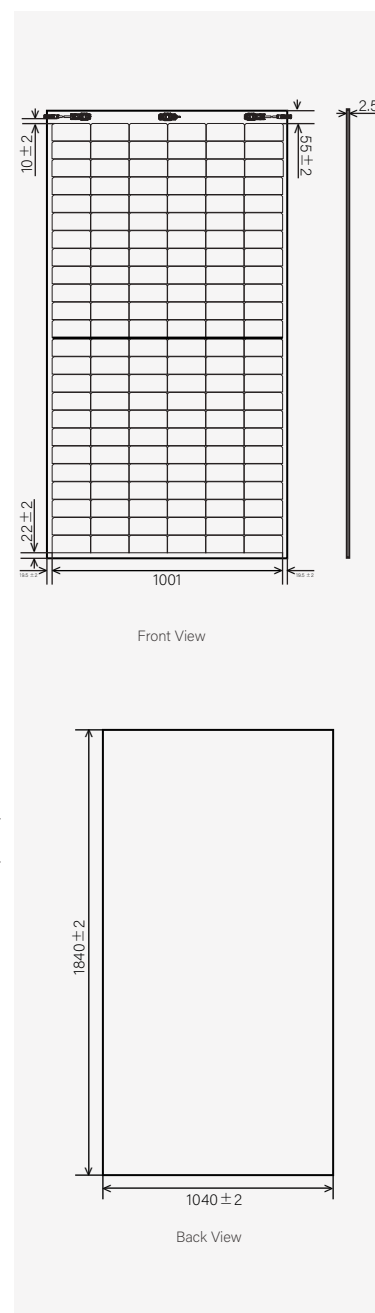
Module Type	RS-MWT365		RS-MWT370		RS-MWT375		RS-MWT380		RS-MWT385	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax)	365	274	370	278	375	282	380	286	385	290
Maximum Power Voltage(Vmp)	34.90	32.80	35.10	33.00	35.30	33.20	35.50	33.40	35.70	33.60
Maximum Power Current(Imp)	10.46	8.35	10.54	8.42	10.62	8.49	10.70	8.56	10.78	8.64
Open-Circuit Voltage(Voc)	42.40	39.90	42.60	40.10	42.80	40.30	43.00	40.50	43.20	40.70
Short-Circuit Current(Isc)	11.09	8.91	11.16	8.98	11.23	9.05	11.30	9.12	11.35	9.19
Module-Efficiency(%)	20.70%		21.00%		21.20%		21.50%		21.80%	

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5, Average efficiency reduction of 4.5% at 200W/m<sup>2</sup>. NOCT: Irradiance at 800 W/m<sup>2</sup>, 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 <sup>2</sup>
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

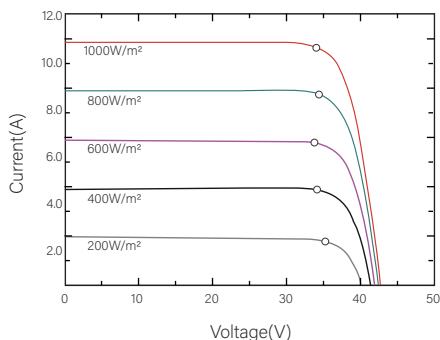
**PACKAGING CONFIGURATION 1**

PCS/Pallet: 46 PCS/40' HC: 1104

**PACKAGING CONFIGURATION 2**

PCS/Pallet: 100 PCS/40' HC: 1800

**I-V CURVES of PV MODULE(375W)**



**P-V CURVES of PV MODULE(375W)**

