

M10-MBB PERC Flexible PV Module

108 Half Cells

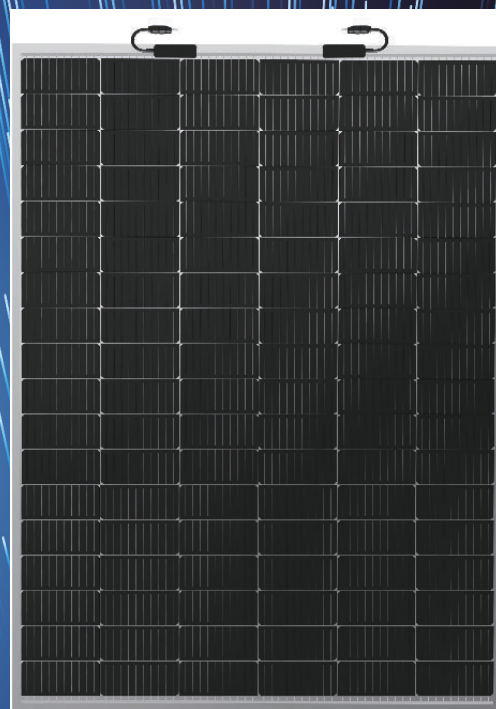


12 years Product warranty



25 years Linear power warranty

Integrated Solar Manufacturing & Technology Since 1964



390W

/Output power

19.7%

/Maximum efficiency

±3%W

/Power tolerance



PID Resistant Guarantee

Strict selection of encapsulation materials eliminates PID risk.



Severe Weather Resilience

Withstand outdoor ultraviolet irradiation, high and low temperature changes, stable output efficiency



Soft and light

Flexible photovoltaic modules have extremely low weight, bending characteristics, easy installation, high space utilization, and adapt to the needs of multiple scenarios.



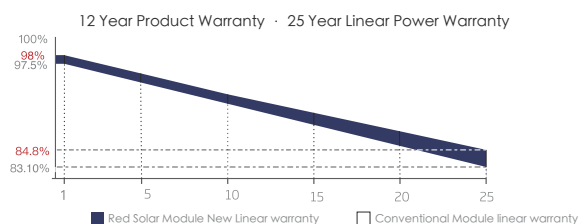
Multi Busbar Technology

Better light utilization and current collection ability, effectively improve the power output and reliability.

- IEC TS 62941 (PV quality Management System)
- ISO9001: 2015 (Quality Management System)
- ISO14001 (Environmental Management System)
- OHSAS18001 (Occupational Health and Safety Management System)



Excellent Power Guarantee



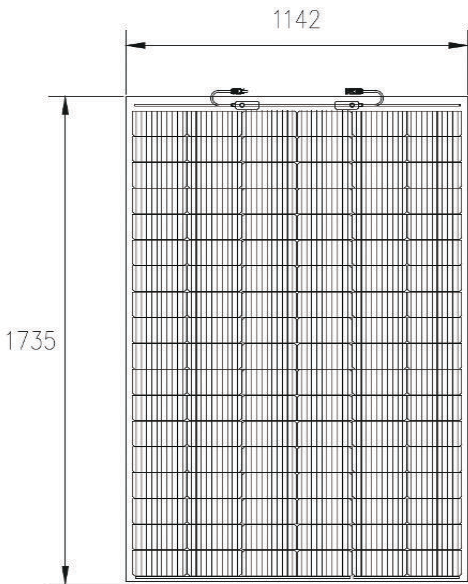
Model of PV Module

CETC-xxxM(LB)/108

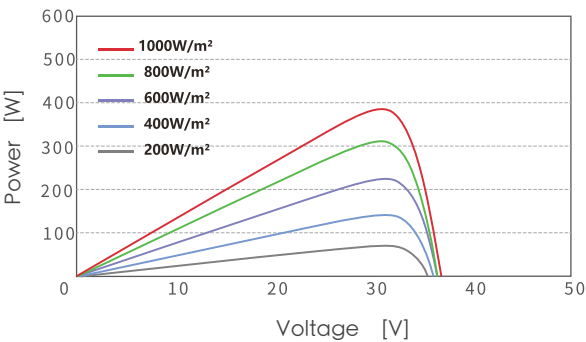
Power Range

390W

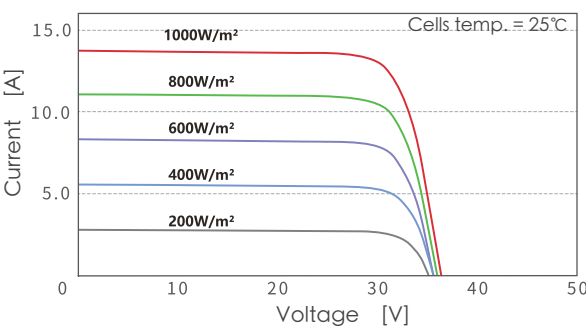
PV module dimensions (mm)



P-V Curves of PV Module



I-V Curves of PV Module



Electrical Parameter(STC)

Model	390M
Maximum power (W)	390
Working point voltage (V)	31.22
Working point current (A)	12.49
Open circuit voltage (V)	37.33
Short circuit current (A)	13.22
PV module efficiency	19.68%
Standard test conditions	Atmospheric quality Am1.5, Irradiance 1000w/㎡, Cell Temperature 25℃

Electrical Parameter(NMOT)

Model	390M
Maximum power (W)	285
Working point voltage (V)	27.20
Working point current (A)	10.48
Open circuit voltage (V)	34.60
Short circuit current (A)	11.03

NMOT conditions The irradiance is 800w/㎡, the ambient temperature is 20 degrees, and the wind speed is 1m/s

Mechanical Parameters

Module size	1735*1142*3mm
Number of solar cells	108Cells (6*18)
Weight	6.4Kg ±5%
Junction Box	IP68, 2 diodes
Cables	4mm², 300mm, (Customizable)
Front plate	High light transmittance flexible polymer material
Frame	no frame
Colour	white or black

Packaging&Transport

40'HQ container transport	70 Pcs/box × 12 box =840Pcs
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The above data is used as a reference for product transportation and packaging, and other types of transportation can be customized

Temperature Parameter Maximum Ratings

NMOT	45±2℃	Working temperature	-40~+85℃
Temperature coefficient of maximum power(Pmax)	-0.35%/℃	Maximum system voltage	1500VDC
Temperature coefficient of open circuit voltage(Voc)	-0.28%/℃	Maximum fuse rated current	25A
Temperature coefficient of short circuit current(Isc)	+0.05%/℃		

