

MBB Series

360W/365W/370W/375W/380W/

CUPV60M-H

9BB HALF-CELL MONO PV MODULE



COMPREHENSIVE CERTIFICATES

IEC61215 / IEC61730 / IEC61701 / IEC62716 / IEC62804
ISO 9001: 2015 Quality management systems;
ISO 14001: 2015 Environmental management systems;
OHSAS 18001: 2007 Occupational health and safety management systems;

KEY SALIENT FEATURES



High output power



Better power generation under shadows



Strong anti-hot spot ability



Strong mechanical load capacity



Super strong frame



1500V system voltage

SUNPARK ECO ENERGY

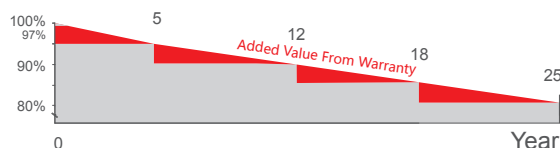
Sunpark will initiate the second phase of our development strategy. Our company regards "reasonable prices, efficient production time and good after-sales service" as our tenet. We hope to cooperate with more customers for mutual development and benefits. We welcome potential buyers to contact us.

QUALIFICATIONS AND CERTIFICATES



LINEAR PERFORMANCE WARRANTY

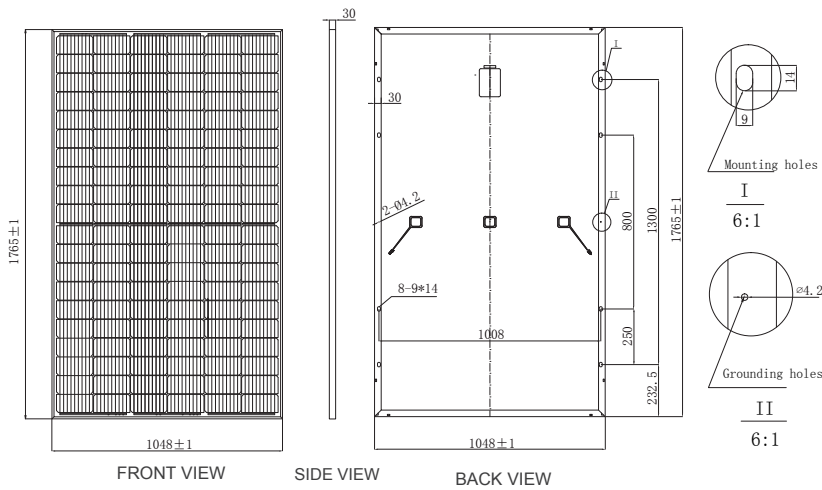
- 12 Years Manufacturing Warranty
- 12 Years 90% Power Output
- 25 Years 80% Power Output



SUNPARK ECO ENERGY SYSTEMS
www.chinasunpark.com

MBB Series CUPV60M-H

MECHANICAL DRAWINGS



MECHANICAL SPECIFICATION

Cell Type	Mono Crystalline 166x83mm
Number Of Cells	120 (6x20)
Dimensions(AxBxC)	1765x1048x30mm
Weights	20.5kg
Glass	3.2mm Tempered Low Iron Glass
Aluminium Frame	Anodised Aluminium
Junction Box	Split Junction Box (IP68 ,three diode)
Connector	Mc4 Compatible
Output Cables	4.0mm ² ,+300mm,-300mm Customized Length

ELECTRICAL CHARACTERISTICS

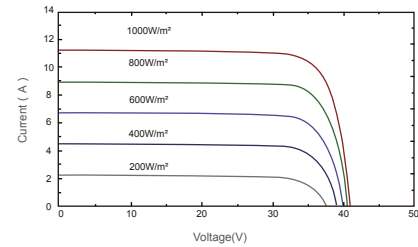
Module Type	360W		365W		370W		375W		380W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power At STC(Pmax)	360W	270.6W	365W	274.4W	370W	278.1W	375W	281.9W	380W	285.6W
Short Circuit Current(Isc)	11.08A	8.95A	11.16A	9.02A	11.26A	9.10A	11.34A	9.16A	11.42A	9.23A
Open Circuit Voltage(Voc)	40.9V	38.1V	41.1V	38.3V	41.3V	38.5V	41.5V	38.7V	41.7V	38.9V
Maximum Power Current(Imp)	10.59A	8.49A	10.67A	8.55A	10.76A	8.62A	10.84A	8.69A	10.92A	8.75A
Maximum Power Voltage(Vmpp)	34.0V	31.9V	34.2V	32.1V	34.4V	32.3V	34.6V	32.5V	34.8V	32.7V
Module Efficiency	19.46%		19.73%		20.00%		20.27%		20.54%	
Power Tolerance	0~+5W		0~+5W		0~+5W		0~+5W		0~+5W	
Maximum System Voltage							VDC 1500V			
Maximum Series Fuse							20A			
Increased Snowload Acc.to Iec 61215							5400Pa			
Operating Temperature							-40~+85℃			
Number Of Bypass Diodes							3			
Norminal Operating Cell Temperature(Noct)							45℃±2℃			
Temperature Coefficient Of Pmax							-0.36%/℃			
Temperature Coefficient Of Voc							-0.29%/℃			
Temperature Coefficient Of Isc							0.05%/℃			

STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, wind speed 1m/s.

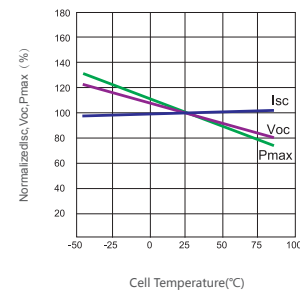
I-V CURVES

I-V Curves at SUN365-60M-H6 at different Irradiances

Cell Temp : 25°C



Power voltage current curve at different temperature



PACKING CONFIGURATION

Container	40' HQ
Pieces Per Pallet	35
Pallets Per Container	24
Pieces Per Container	840