

Photovoltaic Module Monocrystalline108

KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 11 busbar solar cell



Strictly control the micro-crack of solar cells and the other non visible defect of internal modules



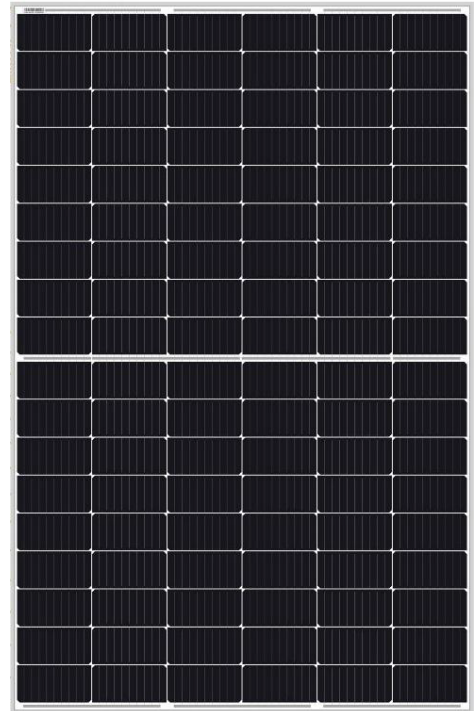
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Manufactured according to and certified international I Quality and Environment Management System



Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.



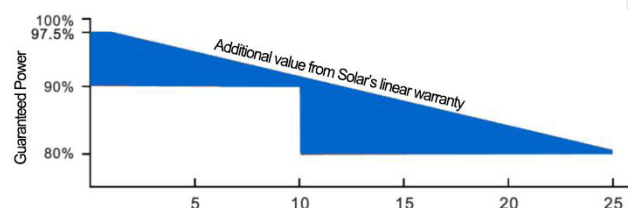
Certificates

- IEC61215, IEC61730, CQC, CE, TUV
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018



Warranties

- 10 years product warranty
- 25 years power warranty



Electrical Characteristics

VSMH-410-M10

Model	VSMH108-390-	VSMH108-395-	VSMH108-400-	VSMH108-405-	VSMH108-410-
	M10	M10	M10	M10	M10
Maximum Power at STC(Pmax)	390	395	400	405	410
Optimum Operating Voltage (Vmp)	30.84	31.01	31.18	31.35	31.52
Optimum Operating Current (Imp)	12.65	12.74	12.83	12.92	13.01
Open-Circuit Voltage (Voc)	36.87	37.04	37.21	37.38	37.55
Short-Circuit Current (Isc)	13.56	13.67	13.67	13.76	13.85
Solar Cell Efficiency (%)	22.09	22.37	22.66	22.94	23.22
Solar Module Efficiency (%)	19.97	20.22	20.48	20.74	20.99
Operating Temperature	-40to85℃				
Maximum System Voltage	DC1500V				
Maximum Series Fuse Rating	25A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m²,Modules Temperature 25℃,AM=1.5					

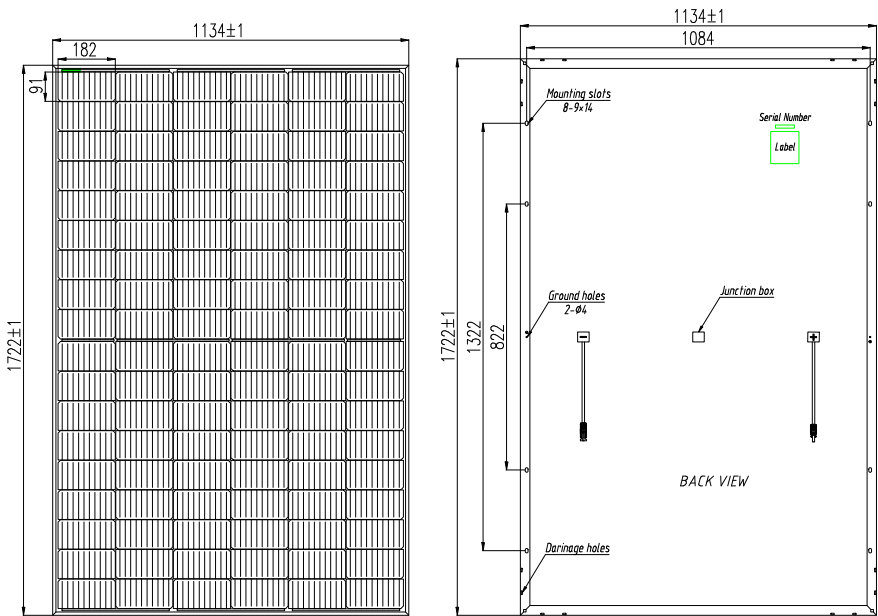
Temperature Coefficient

NOCT	43±2℃
Temperature Coefficient of Pmax	-0.35%/℃
Temperature Coefficient of VOC	-0.28%/℃
Temperature Coefficient of ISC	+0.048%/℃

Mechanical Characteristics

No.of cells	108(6×9+6×9)
Dimensions	1722mm*1134mm*35mm
Weight	20.8kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm²,0.3m
1*20'	186pcs
1*40'	/
1*40'HQ	806pcs

Engineering Drawings



IV-Curves

