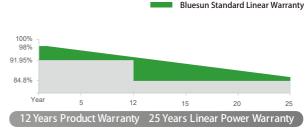


Allbaba TOP 1 Suppliers Trade Assurance Supplier





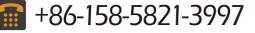
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2-68)
- Long term reliability tests
- $2 \times 100\%$ EL inspection ensuring defect-free modules



* Please refer to Bluesun standard warranty for details

Certificate





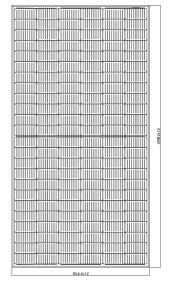
() +86 (551) 6565 2651

220225





Model	BSM435M-72HPH	BSM440M-72HPH	BSM445M-72HPH	BSM450M-72HPH	BSM455M-72HPH	
Max Power(Pmax) [W]	435	440	445	450	455	
Open Circuit Voltage(Voc) [V]	49.0	49.2	49.4	49.6	49.8	
Short Circuit Current(Isc) [A]	11.33	11.40	11.47	11.54	11.61	
Max Power Voltage(Vmp) [V]	40.3	40.5	40.7	40.9	41.1	
Max Power Current(Imp) [A]	10.80	10.87	10.94	11.01	11.08	
Module Efficiency [%]	19.8	20.1	20.3	20.5	20.8	
Power Tolerance	0-5W					
Max System Voltage	DC 1500/1000(IEC)					
Max Series Fuse Rating	20A					
Operating Temperature	-40 °C to + 85 C					
STC	Irradiance 1000W/m², cell temperature 25 °C, AM1.5					



Alibaba TOP 1 Suppliers

35.0±0.15

NMOT

Model Number	BSM435M-72HPH	BSM440M-72HPH	BSM445M-72HPH	BSM450M-72HPH	BSM455M-72HPH
Max Power(Pmax) [W]	324	328	332	335	339
Open Circuit Voltage (Voc)	45.6	45.8	46.0	46.2	46.4
Short Circuit Current (Isc)	9.15	9.20	9.26	9.32	9.37
Maximum Power Voltage (Vmp)	37.6	37.8	38.0	38.2	38.4
Maximum Circuit Current (Imp)	8.62	8.67	8.73	8.78	8.84
NMOT	43±2°C				

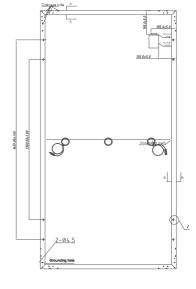
*Irradiance 800 W/m², ambient temperature 20 °C, wind speed 1 m

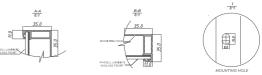
Mechanical Characteristics

Solar Cells	Mono Perc 166×166mm(6inches)	
Dimensions	2094*1046*35mm (82.60*41.18*1.38inches)	
Weight	25.5kg (56.2lbs)	
Front Load	5400Pa	
Connector Type	PV Connector	
Junction Box	IP68,3/6 bypass diode	
Cables	4mm² (IEC)	
Glass	3.2mm High Transmission Tempered Glass	
Frame	Anodized Aluminium Alloy Frame	
Packing	30pcs per pallet, 260pcs per 20'GP,660pcs per 40'HC	

Temperature Characteristics ¢

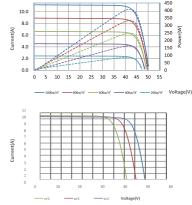
Temperature Coefficient of Pmax	γ (Pm)	-0.36%/°C
Temperature Coefficient of Voc	β (Voc)	-0.26%/′C
Temperature Coefficient of Isc	α (Isc)	0.043%/°C





I-V Curves

Current-Voltage Curve (BSM455M-72HPH)



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