

Quality products start with quality people

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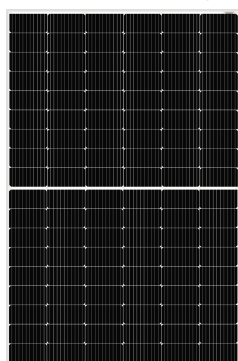
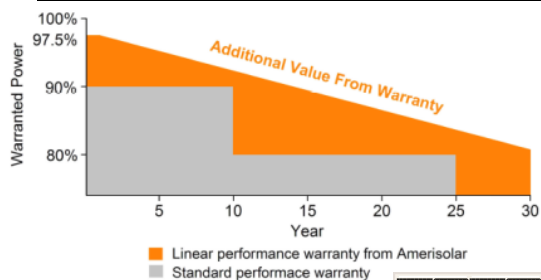
**General Specifications**

Temperature Coefficients of Isc (%/°C)	0.052	Allowable Hail Load	5400Pa.
Temperature Coefficients of Voc (%/°C)	-0.29	Junction Box Type	IP68, 3 diodes
Temperature Coefficients of Pmax (%/°C)	-0.38	Front Cover	3.2mm(0.13inches) tempered glass with AR coating
Nominal Operating Cell	45±2°C	Cable & Connector Type	4mm <sup>2</sup> (0.006inches <sup>2</sup> ),300mm(11.81inches) in length; MC4 or MC4 compatible
Operating Module Temperature	- 40°C to +85°C	Backing (Brand Type)	TPT
Power Tolerance	±3%	Standard Test Conditions	1000W/m2, Cell temperature 25°C, AM1.5;
Surface Maximum Load Capacity	2400Pa	Frame	Anodized aluminum alloy
Warranty	20 years product warranty,30 years linear power output warranty		

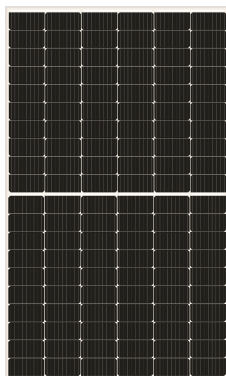
**Technical Specifications**

The following are the conventional model only,it's welcome to design based on customer requirement.

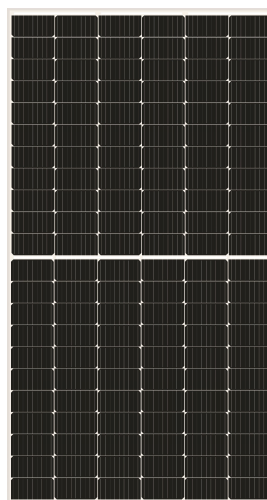
MODE	Power (w)	Size of cells (mm)	Number of cells (pcs)	Module efficiency	Max Power Current(A) (IMP,Amp)	Max Power Voltage(V) (VMP,Vdc)	Short Circuit Current(A) (ISC,Amp)	Open Circuit Voltage(V) (VOC,Vdc)	Cable with Connector (Meter)	Max system Voltage (VDC)	Module size(mm)	Weight (Kg)	Rated Fuse (Amp)
7M108N-HC415BF	415W	182*91	6*9*2	21.25%	13.20	31.44	13.97	37.83	4mm <sup>2</sup> , Length: Portrait: 300mm; Landscape: 1200mm	1500	1722*1134*30	24.5	25A
7M108N-HC420BF	420W			21.51%	13.28	31.63	14.05	38.02					
7M108N-HC425BF	425W			21.75%	13.36	31.81	14.13	38.21					
7M108N-HC430BF	430W			22.02%	13.44	31.99	14.21	38.40					
7M108N-HC435BF	435W			22.28%	13.53	32.16	14.34	38.59					
7M108N-HC440BF	440W			22.53%	13.62	32.31	14.44	38.78					
7M120N-HC465BF	465W	182*91	6*10*2	21.54%	13.31	34.94	14.08	42.13	4mm <sup>2</sup> , Length: Portrait: 300mm; Landscape: 1200mm	1500	1904*1134*30	26.8	25A
7M120N-HC470BF	470W			21.77%	13.37	35.15	14.14	42.32					
7M120N-HC475BF	475W			22.00%	13.43	35.37	14.20	42.51					
7M120N-HC480BF	480W			22.23%	13.49	35.58	14.26	42.70					
7M120N-HC485BF	485W			22.46%	13.55	35.79	14.32	42.89					
7M120N-HC490BF	490W			22.69%	13.62	35.97	14.43	43.08					
7M132N-HC515BF	515W	182*91	6*11*2	21.69%	13.33	38.63	14.10	46.50	4mm <sup>2</sup> , Length: Portrait: 300mm; Landscape: 1300mm	1500	2094*1134*30	29.5	25A
7M132N-HC520BF	520W			21.90%	13.39	38.83	14.16	46.69					
7M132N-HC525BF	525W			22.11%	13.45	39.03	14.22	46.88					
7M132N-HC530BF	530W			22.32%	13.51	39.23	14.29	47.07					
7M132N-HC535BF	535W			22.53%	13.57	39.43	14.35	47.26					
7M144N-HC560BF	560W			182*91	6*12*2	21.67%	13.28	42.17					
7M144N-HC565BF	565W	21.86%	13.34			42.35	14.12	50.83					
7M144N-HC570BF	570W	22.06%	13.41			42.51	14.18	51.03					
7M144N-HC575BF	575W	22.25%	13.47			42.69	14.24	51.23					
7M144N-HC580BF	580W	22.44%	13.53			42.87	14.30	51.43					
7M144N-HC585BF	585W	22.64%	13.59			43.05	14.36	51.63					
8M120N-HC615BF	615W	210*105	6*10*2	21.73%	17.62	34.90	18.67	42.16	4mm <sup>2</sup> , Length: Portrait: 300mm; Landscape: 1300mm	1500	2172*1303*30	35	30A
8M120N-HC620BF	620W			21.91%	17.66	35.11	18.72	42.35					
8M120N-HC625BF	625W			22.84%	17.70	35.31	18.77	42.54					
8M120N-HC630BF	630W			22.26%	17.74	35.51	18.82	42.73					
8M132N-HC675BF	675W	210*105	6*11*2	21.73%	17.60	38.35	18.64	46.31	4mm <sup>2</sup> , Length: Portrait: 300mm; Landscape: 1400mm	1500	2384*1303*30	38.5	30A
8M132N-HC680BF	680W			21.89%	17.64	38.55	18.69	46.50					
8M132N-HC685BF	685W			27.36%	17.68	38.74	18.74	46.69					
8M132N-HC690BF	690W			22.21%	17.72	38.94	18.79	46.88					
8M132N-HC695BF	695W			23.37%	17.76	39.13	18.84	47.07					



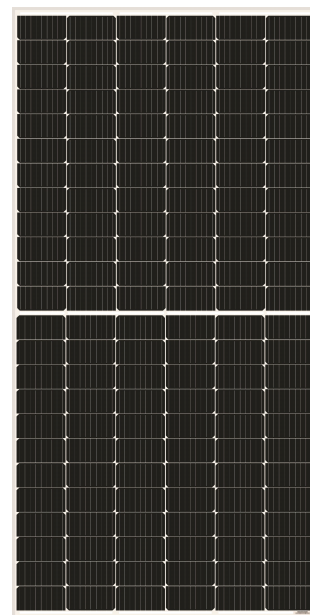
7M108N/BF



7M120N/BF / 8M120N/BF



7M132N/BF / 8M132N/BF



7M144N/BF