

Quality products start with quality people

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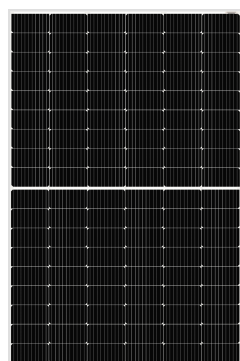
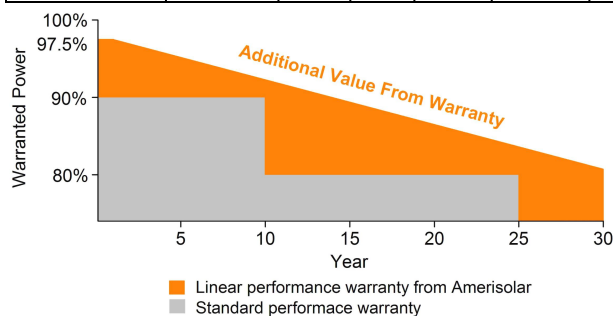
General Specifications

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 ² (0.006inches ²),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/m ² , 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		

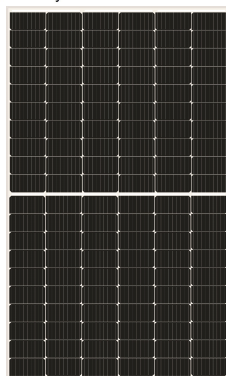
Technical Specifications

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

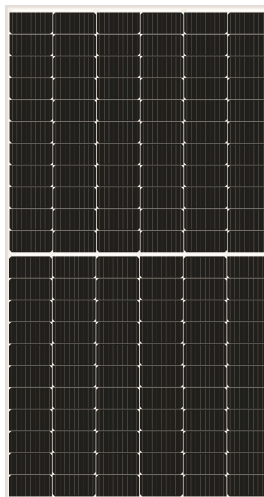
MODE	Power (w)	Size of cells (mm)	Number of cells (pcs)	Module efficiency	Max Power Current(A) (IMP,Amp)	Max Power Voltage(V) (VMP,Vdc)	Short Circuit Current(A) (ISC,Amp)	Open Circuit Voltage(V) (VOC,Vdc)	Cable with Connector (Meter)	Max system Voltage (VDC)	Module size(mm)	Weight (Kg)	Rated Fuse (Amp)
7M108N-HC415	415W	182*91	6*9*2	21.25%	13.20	31.44	13.97	37.83	4mm ² , Length: Portrait: 300mm; Landscape: 1200mm	MC4	1722*1134*30	21	25A
7M108N-HC420	420W			21.51%	13.28	31.63	14.05	38.02					
7M108N-HC425	425W			21.75%	13.36	31.81	14.13	38.21					
7M108N-HC430	430W			22.02%	13.44	31.99	14.21	38.40					
7M108N-HC435	435W			22.28%	13.53	32.16	14.34	38.59					
7M108N-HC440	440W			22.53%	13.62	32.31	14.44	38.78					
7M144N-HC560	560W	182*91	6*12*2	21.67%	13.28	42.17	14.06	50.63	4mm ² , Length: Portrait: 300mm; Landscape: 1300mm	MC4	2279*1134*30	28	25A
7M144N-HC565	565W			21.86%	13.34	42.35	14.12	50.83					
7M144N-HC570	570W			22.06%	13.41	42.51	14.18	51.03					
7M144N-HC575	575W			22.25%	13.47	42.69	14.24	51.23					
7M144N-HC580	580W			22.44%	13.53	42.87	14.30	51.43					
7M144N-HC585	585W	22.64%	13.59	43.05	14.36	51.63							
8M120N-HC615	615W	210*105	6*10*2	21.73%	17.62	34.90	18.67	42.16	4mm ² , Length: Portrait: 300mm; Landscape: 1300mm	MC4	2172*1303*35	31.5	30A
8M120N-HC620	620W			21.91%	17.66	35.11	18.72	42.35					
8M120N-HC625	625W			22.84%	17.70	35.31	18.77	42.54					
8M120N-HC630	630W			22.26%	17.74	35.51	18.82	42.73					
8M132N-HC675	675W	210*105	6*11*2	21.73%	17.60	38.35	18.64	46.31	4mm ² , Length: Portrait: 300mm; Landscape: 1400mm	MC4	2384*1303*35	34	30A
8M132N-HC680	680W			21.89%	17.64	38.55	18.69	46.50					
8M132N-HC685	850W			27.36%	17.68	38.74	18.74	46.69					
8M132N-HC690	690W			22.21%	17.72	38.94	18.79	46.88					
8M132N-HC695	695W	23.37%	17.76	39.13	18.84	47.07							



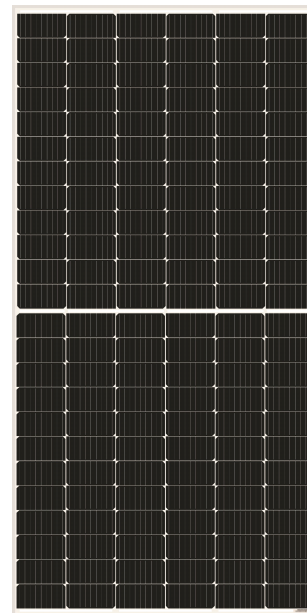
7M108N



8M120N



8M132N



7M144N