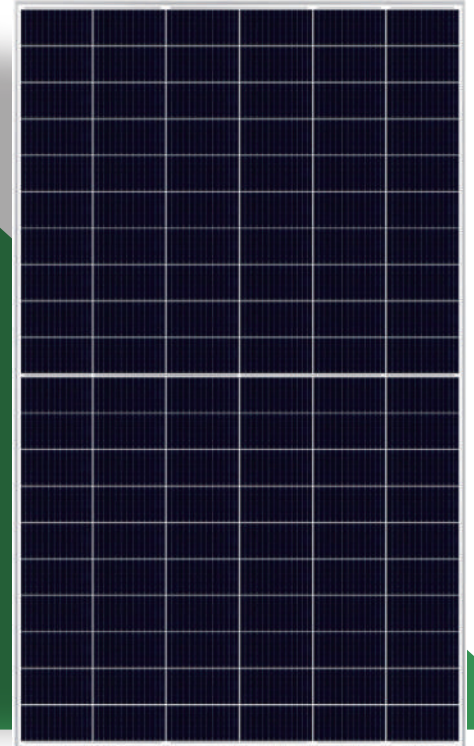
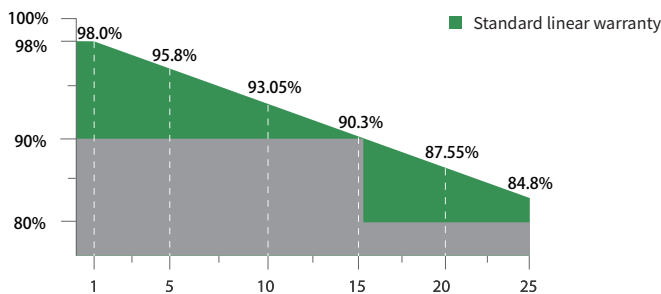


580-615W Mono

High power, high efficiency and low BOS & LCOE, PERC+ cell technology, combines nondestructive cutting 210mm large-size silicon wafer, and gapless ribbon connection technology, the modules can offer higher output with improved module efficiency. Half Cell design ensures less shading effect and lower resistive loss, lower risk of hot spot, as well as more reliable and stable power generation.



Linear performance Warranty



Linear performance warranty



Product warranty

Comprehensive Certificates

CERTIFICATION

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



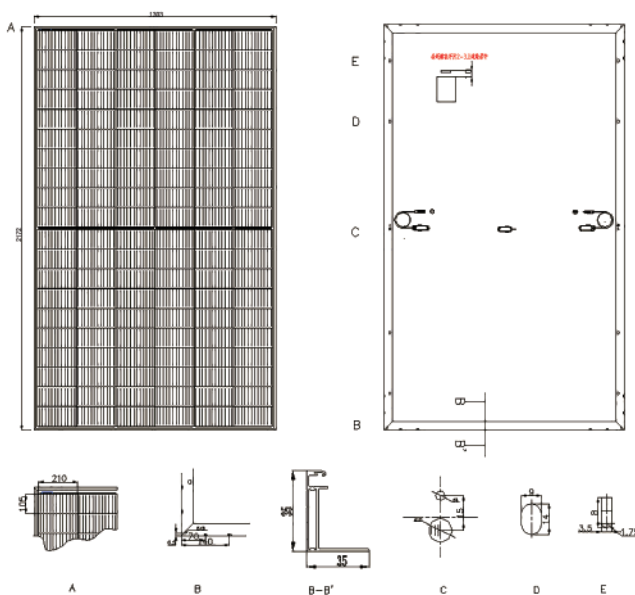
Electrical Specificatio																	
Module Type	M210H660-580W		M210H660-585W		M210H660-590W		M210H660-595W		M210H660-600W		M210H660-605W		M210H660-610W		M210H660-615W		
Test Standards	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Maximum Power	Pmax(W)	580	438	585	443	590	447	595	451	600	454	605	458	610	462	615	466
Maximum Power Voltage	Vmp(V)	33.6	31.3	33.8	31.5	34.0	31.7	34.2	31.9	34.4	32.0	34.6	32.2	34.8	32.4	35.0	32.6
Maximum Power Current	Imp(A)	17.26	14.01	17.31	14.05	17.35	14.09	17.40	14.13	17.44	14.18	17.49	14.22	17.53	14.26	17.58	14.30
Open Circuit Voltage	Voc(V)	40.7	38.3	40.9	38.5	41.1	38.7	41.3	38.9	41.5	39.1	41.7	39.3	41.9	39.5	42.1	39.7
Short Circuit Current	Isc(A)	18.32	14.77	18.37	14.81	18.42	14.85	18.47	14.88	18.52	14.92	18.57	14.96	18.62	15.00	18.67	15.04
Module Efficiency	(%)	20.49		20.67		20.85		21.02		21.20		21.38		21.55		21.73	
Power Output Tolerance	(W)	0±5															
Tolerance During Power Test	(%)	±3															

*(STC)*irradiance 1000W/m², Module Temperature 25 C, Air Mass 1.5
 *(NOCT)*irradiance 800W/m², Ambient Temperature 20 C, Wind Speed 1m/s

Mechanical Data	
Number of Cells	120Cells(6×20)
Dimensions of Module L*W*H (mm)	2172×1303×35mm
Weight (kg)	31kg
Glass	High transparency solar glass 3.2mm
Backsheet	white
Frame	anodized aluminium alloy
J-BOX	IP68, 3 diodes
Cable	4.0mm ² , 300mm or customized
Wind/Snow Load	2400Pa/5400Pa*
Connector	MC Compatible
*For more details please check the installation manual	

Temperature Ratings	
Temperature Coefficient of Pmax	-0.350%/C
Nominal Operating Cell Temperature(NOCT)	44±2 C
Temperature Coefficient of Isc	+0.048%/C
Temperature Coefficient of Voc	-0.270%/C
Maximum Ratings	
Operational Temperature	-40 - +85 C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	30A
Packaging Configuration	
Module per box	31pieces
Module per 40'container	558pieces(35Frame)

ENGINEERING DRAWINGS



IV CURVES

