



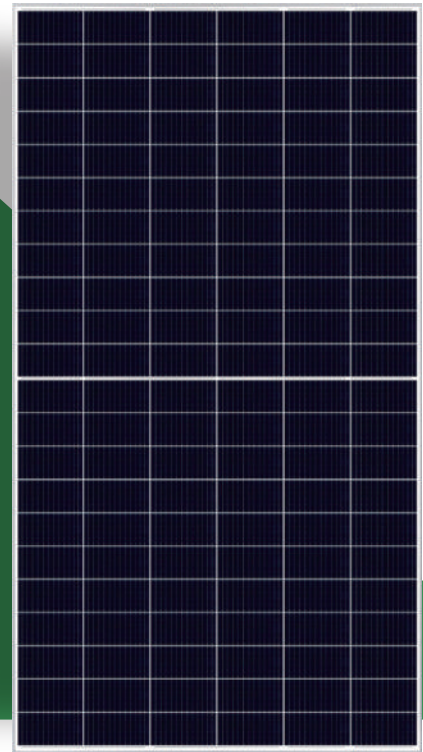
Huge-solar

Radiance Series

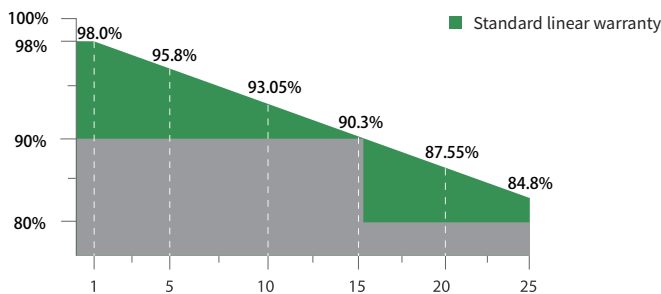
M210H666-645-680W

645-680W 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



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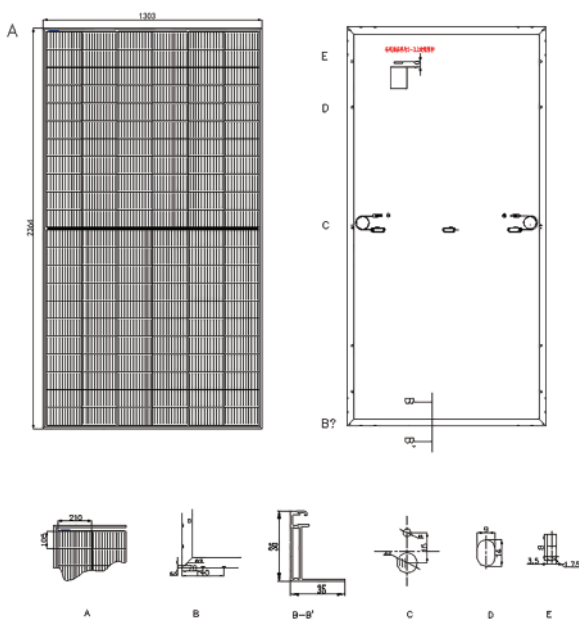
Electrical Specificatio																	
Module Type		M210H666-645W		M210H666-650W		M210H666-655W		M210H666-660W		M210H666-665W		M210H666-670W		M210H666-675W		M210H666-680W	
Test Standards		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	P _{max} (W)	645	488	650	492	655	496	660	500	665	504	670	509	675	513	680	518
Maximum Power Voltage	V _{mp} (V)	37.2	34.7	37.4	34.9	37.6	35.1	37.8	35.3	38.0	35.5	38.2	35.7	38.4	35.9	38.6	36.1
Maximum Power Current	I _{mp} (A)	17.31	14.05	17.35	14.09	17.40	14.13	17.44	14.18	17.49	14.22	17.54	14.27	17.58	14.31	17.63	14.35
Open Circuit Voltage	V _{oc} (V)	41.0	42.4	41.2	42.6	41.4	42.8	41.6	43.0	41.8	43.2	42.0	43.4	42.2	43.6	42.4	43.8
Short Circuit Current	I _{sc} (A)	18.37	14.81	18.42	14.85	18.47	14.88	18.52	14.92	18.57	14.96	18.62	15.0	18.67	15.04	18.72	15.08
Module Efficiency	(%)	20.76		20.92		21.09		21.25		21.41		21.57		21.73		21.89	
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	132Cells(6×22)
Dimensions of Module L*W*H (mm)	2384×1303×35mm
Weight (kg)	35kg
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	
TemperatureCoefficientof P _{max}	-0.350%/C
Nominal Operating Cell Temperature(NOCT)	44±2 C
Temperature Coefficient of I _{sc}	+0.048%/C
Temperature Coefficient of V _{oc}	-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

