

MONO MODULE **N** TYPE

575W-595W

Premium Quality *Bifacial Dual Glass*

132 CELL

MONO N-TYPE

23.03%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



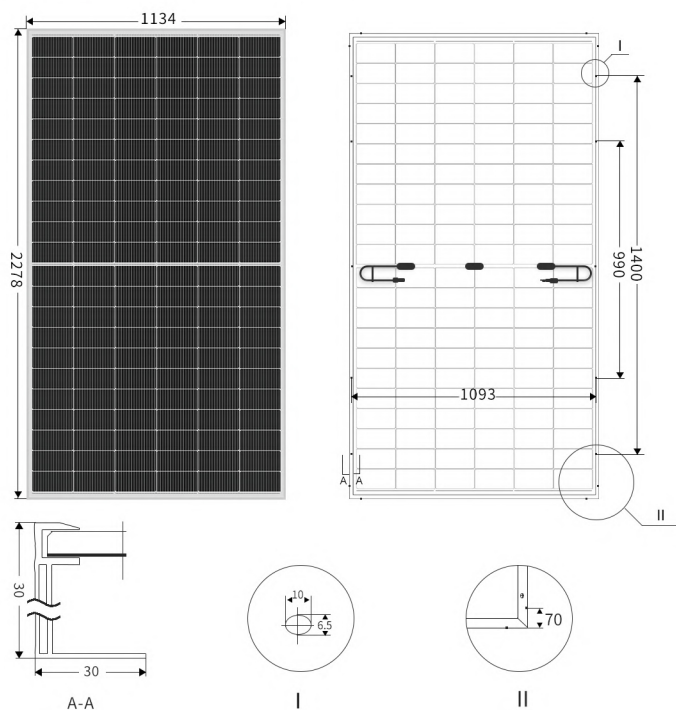
Module Type		SC-66M575HM10X-BD		SC-66M580HM10X-BD		SC-66M585HM10X-BD		SC-66M590HM10X-BD		SC-66M595HM10X-BD	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	575	438	580	442	585	445	590	449	595	453
Maximum Power Voltage	$V_{MPP}(V)$	40.20	37.99	40.40	38.19	40.60	38.39	40.80	38.59	41.00	38.79
Maximum Power Current	$I_{MPP}(A)$	14.32	11.49	14.37	11.52	14.42	11.55	14.47	11.58	14.52	11.61
Open Circuit Voltage	$V_{OC}(V)$	47.98	46.40	48.18	46.60	48.38	46.80	48.58	47.00	48.78	47.20
Short Circuit Current	$I_{SC}(A)$	15.17	12.24	15.22	12.28	15.27	12.32	15.32	12.36	15.37	12.40
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	22.26		22.45		22.65		22.84		23.03	

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

BIFACIAL OUTPUT-REAR SIDE POWER GAIN 10% FOR REFERENCE

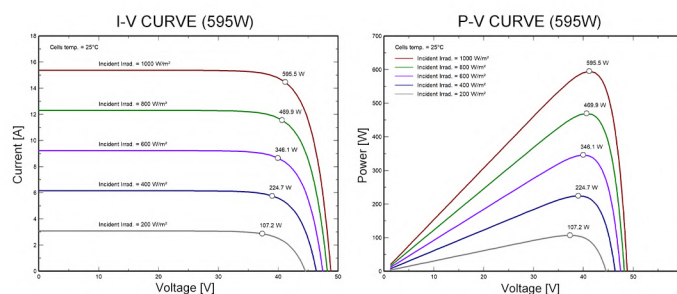
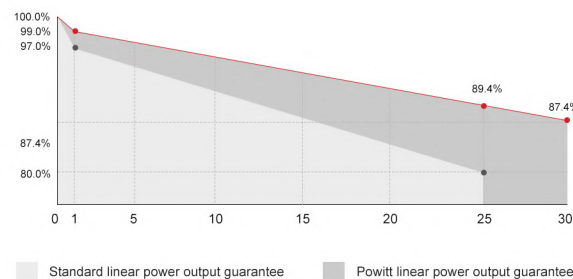
Module Type	SC-66M575HM10X-BD	SC-66M580HM10X-BD	SC-66M585HM10X-BD	SC-66M590HM10X-BD	SC-66M595HM10X-BD
Pmax (W)	632.5	638	643.5	649	654.5
Voc (V)	47.98	48.18	48.38	48.58	48.78
Isc (A)	16.62	16.68	16.74	16.80	16.86
Vmp (V)	40.20	40.40	40.60	40.80	41.00
Imp (A)	15.73	15.79	15.85	15.91	15.96

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono N-TYPE	TEMPERATURE RATINGS	Nominal Operating Cell Temperature(NOCT)	41±3°C
No. of Cells	132 (6 x 22)		Temperature Coefficient of P _{MAX}	-0.29%/°C
Module Dimensions	2278 x 1134 x 30mm		Temperature Coefficient of V _{OC}	-0.25%/°C
Weight	31.8kg		Temperature Coefficient of I _{SC}	+0.05%/°C
Front Glass	2.0mm	MAXIMUM RATINGS	Operational Temperature	-40°C to +85°C
Back Glass	2.0mm		Maximum System Voltage	1500V DC
Frame	Anodized Aluminium Alloy		Max Series Fuse Rating	35A
Junction Box	IP 68 Rated		Mechanical Load	5400pa
Cables	4.0mm ² , 350mm or Customized Length		Wind Load	2400pa
Connector	MC4 Compatible			

PACKAGING CONFIGURATION 37 pcs/Pallet, 740 pcs/40'HQ

