

M10 P-TYPE MODULE

545W-560W

Premium Quality *Bifacial Transparent Backsheet*

144 CELL

M10 MONO PERC

21.68%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



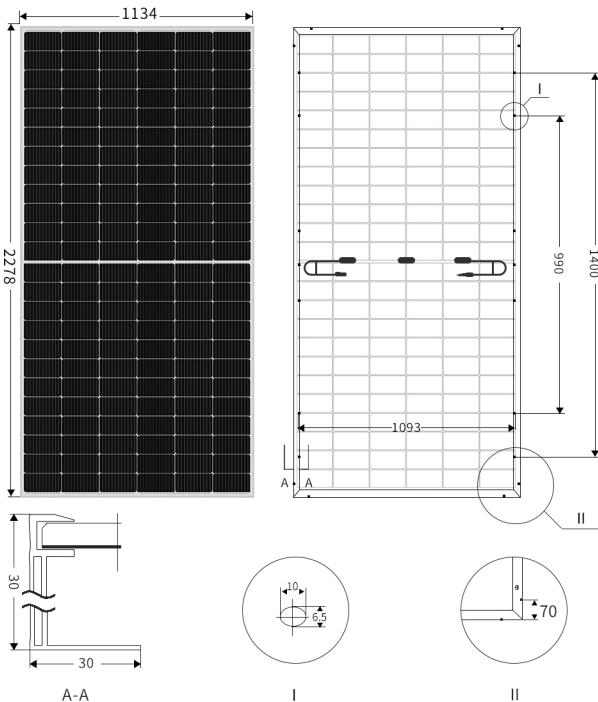
Module Type	PW-72M545HM10		PW-72M550HM10		PW-72M555HM10		PW-72M560HM10		
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Maximum Power	$P_{MAX}(W)$	545	405.61	550	409.33	555	413.03	560	416.77
Maximum Power Voltage	$V_{MPP}(V)$	40.86	38.02	40.99	38.14	41.12	38.26	41.25	38.38
Maximum Power Current	$I_{MPP}(A)$	13.34	10.67	13.42	10.73	13.5	10.79	13.58	10.85
Open Circuit Voltage	$V_{OC}(V)$	49.5	46.73	49.65	46.87	49.8	47.01	49.95	47.15
Short Circuit Current	$I_{SC}(A)$	14.04	11.34	14.13	11.41	14.22	11.48	14.31	11.55
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	21.10		21.29		21.48		21.68	

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

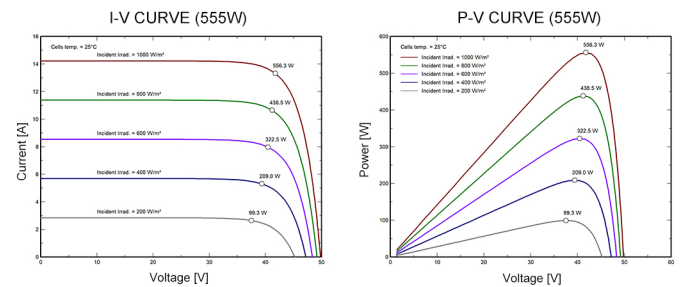
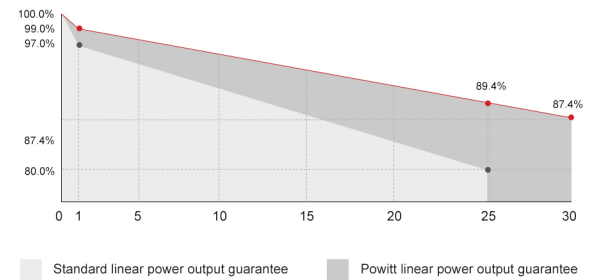
Module Type	PW-72M545HM10	PW-72M550HM10	PW-72M555HM10	PW-72M560HM10
Pmax (W)	599.5	605	610.5	616
Voc (V)	49.50	49.50	49.80	49.95
Isc (A)	15.50	15.59	15.68	15.77
Vmp (V)	40.86	40.99	41.12	41.25
Imp (A)	14.67	14.76	14.85	14.93

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono PERC	TEMPERATURE RATINGS	Nominal Operating Cell Temperature(NOCT)	45±2°C
No. of Cells	144 (6 x 24)	Temperature Coefficient of P _{MAX}		-0.35%/°C
Module Dimensions	2278 x 1134 x 30mm	Temperature Coefficient of V _{OC}		-0.28%/°C
Weight	27kg	Temperature Coefficient of I _{SC}		+0.048%/°C
Glass	Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm	MAXIMUM RATINGS	Operational Temperature	-40 to +85°C
Backsheet	Transparent	Maximum System Voltage		1500V DC
Frame	Anodized Aluminium Alloy	Max Series Fuse Rating		25A
Junction Box	IP 68 Rated	Mechanical Load		5400pa
Cables	4.0mm ² , 350mm or Customized Length	Wind Load		2400pa
Connector	MC4 Compatible			

PACKAGING CONFIGURATION 36 pcs/Pallet, 720 pcs/40'HQ

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