

M10 MONO MODULE **N** TYPE

**550W-560W**

Premium Quality *Monofacial*

**144 CELL**

M10 MONO N-TYPE

**21.68%**

MAXIMUM EFFICIENCY

**0 to +5W**

POSITIVE POWER TOLERANCE



Higher Output of Power



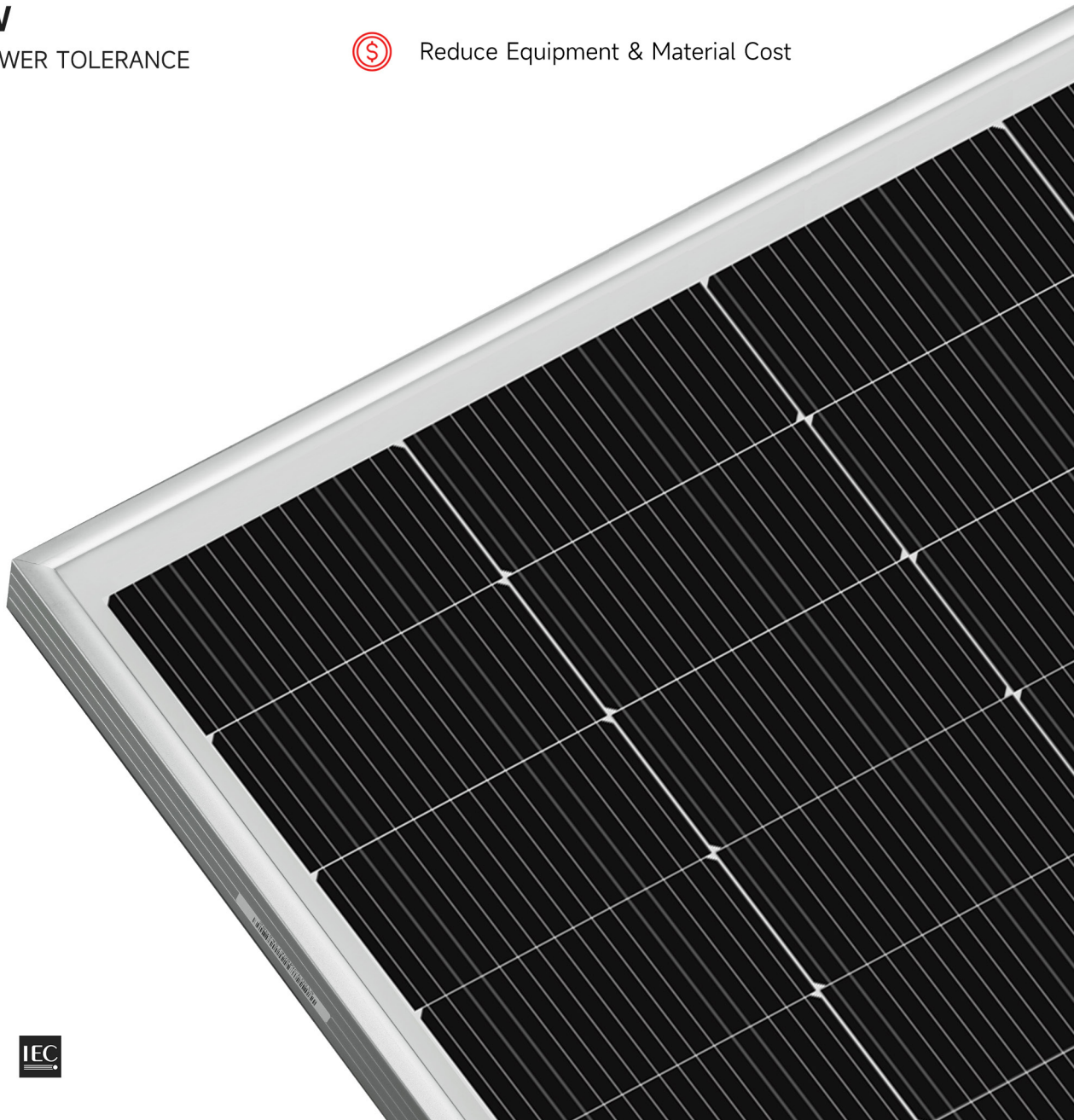
For Environment For Future



Optimize the Temperature Coefficient



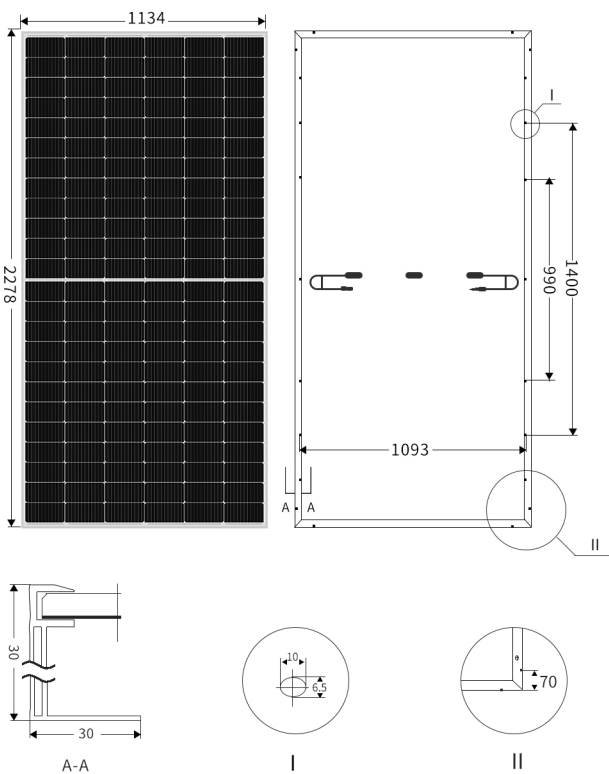
Reduce Equipment & Material Cost



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

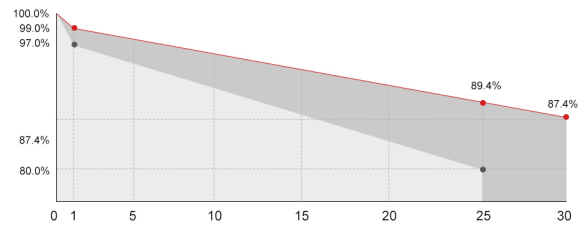
STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m<sup>2</sup> according to EN 60904-1  
 NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

## DIMENSIONS OF PV MODULE

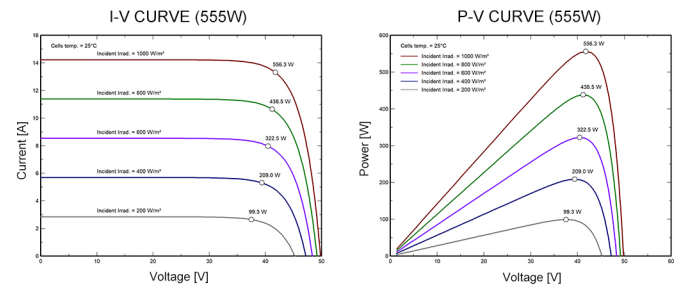


## LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



Standard linear power output guarantee Powitt linear power output guarantee



## MECHANICAL DATA

Cell Type	Mono N-TYPE	<b>TEMPERATURE RATINGS</b>	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	<b>MAXIMUM RATINGS</b>	Operational Temperature	-40 to +85°C
Backsheet	White		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 <sup>2</sup> , 350mm or Customized Length		Wind Load	2400pa
Connector	MC4 Compatible			

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

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