

M10 MONO MODULE **N** TYPE

525W-540W

Premium Quality *Monofacial*

132 CELL

M10 MONO N-TYPE

22.82%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



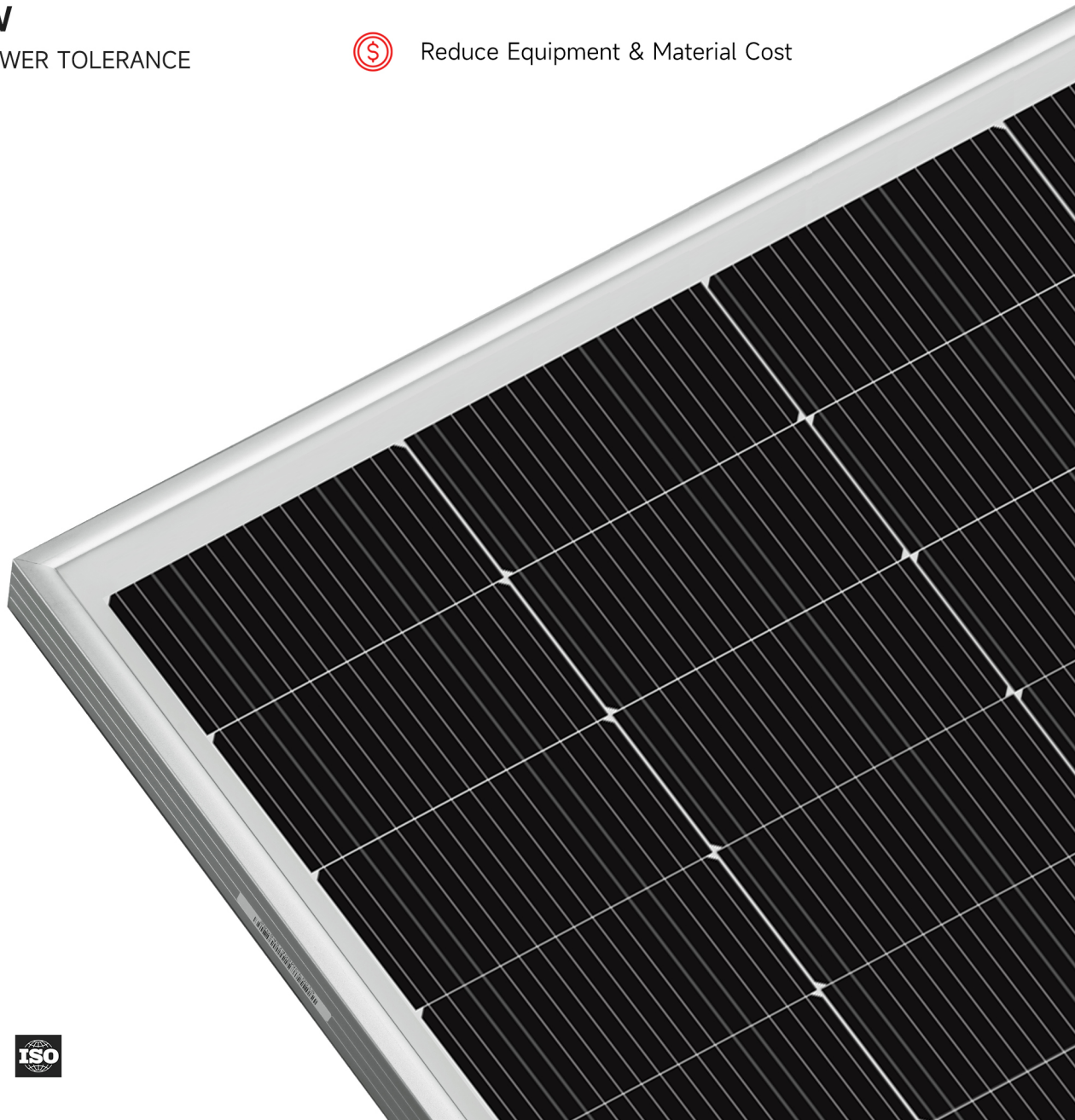
For Environment For Future



Optimize the Temperature Coefficient



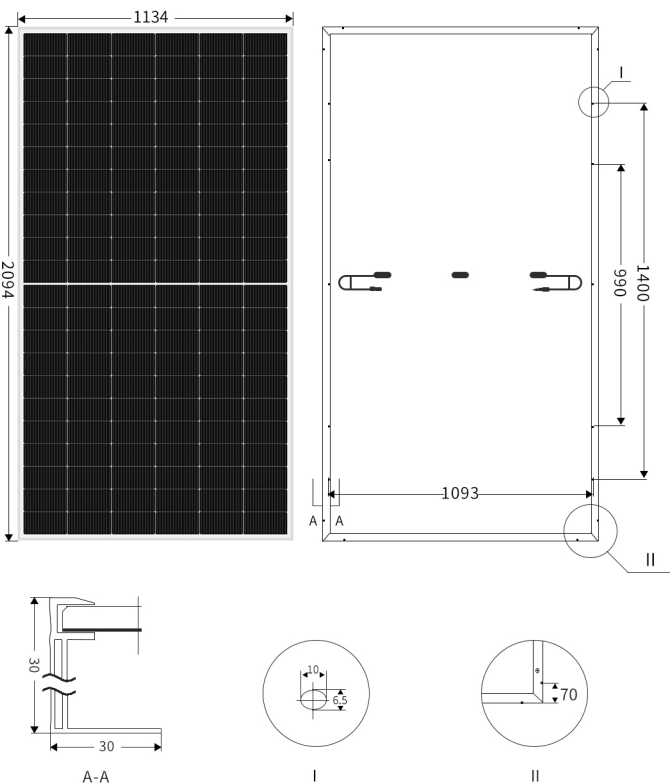
Reduce Equipment & Material Cost



Module Type		PW-66M525HM10		PW-66M530HM10		PW-66M535HM10		PW-66M540HM10	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	525	394	530	398	535	402	540	406
Maximum Power Voltage	$V_{MPP}(V)$	37.90	35.49	38.10	35.68	38.30	35.87	38.50	36.06
Maximum Power Current	$I_{MPP}(A)$	13.87	11.13	13.93	11.18	13.99	11.23	14.05	11.27
Open Circuit Voltage	$V_{OC}(V)$	45.40	42.52	45.64	42.75	45.88	42.97	46.12	43.19
Short Circuit Current	$I_{SC}(A)$	14.71	11.80	14.77	11.85	14.83	11.90	14.89	11.95
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	22.11		22.32		22.53		22.82	

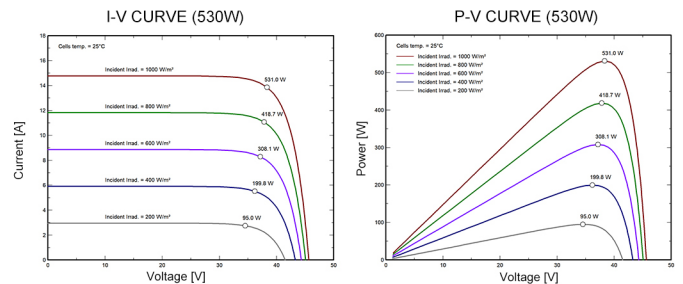
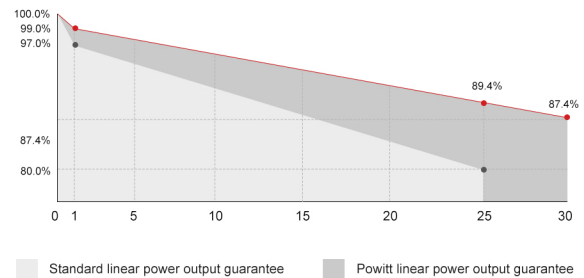
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty



MECHANICAL DATA

Cell Type	Mono N-TYPE	Nominal Operating Cell Temperature(NOCT)	45±2°C
No. of Cells	132 (6 x 22)	Temperature Coefficient of P_{MAX}	-0.30%/°C
Module Dimensions	2094 x 1134 x 30mm	Temperature Coefficient of V_{OC}	-0.25%/°C
Weight	25.2kg	Temperature Coefficient of I_{SC}	+0.046%/°C
Glass	Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2mm	MAXIMUM RATINGS	
Backsheet	White	Operational Temperature	-40 to +85°C
Frame	Anodized Aluminium Alloy	Maximum System Voltage	1500V DC
Junction Box	IP 68 Rated	Max Series Fuse Rating	25A
Cables	4.0mm ² , 350mm or Customized Length	Mechanical Load	5400pa
Connector	MC4 Compatible	Wind Load	2400pa

PACKAGING CONFIGURATION 36 pcs/Pallet, 792 pcs/40'HQ

All rights reserved. Specifications included in this datasheet are subject to change without notice.

Version No. PWS202311V03



Powitt Solar Co.,Ltd
 www.powitt.com
 info@powitt.com
 +86 519 8899 2132

FUTURE POWER AT TODAY