

MONO MODULE **N** TYPE

625W-640W

Premium Quality *Bifacial Dual Glass*

132 CELL

MONO N-TYPE

23.69%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE



Higher Output of Power



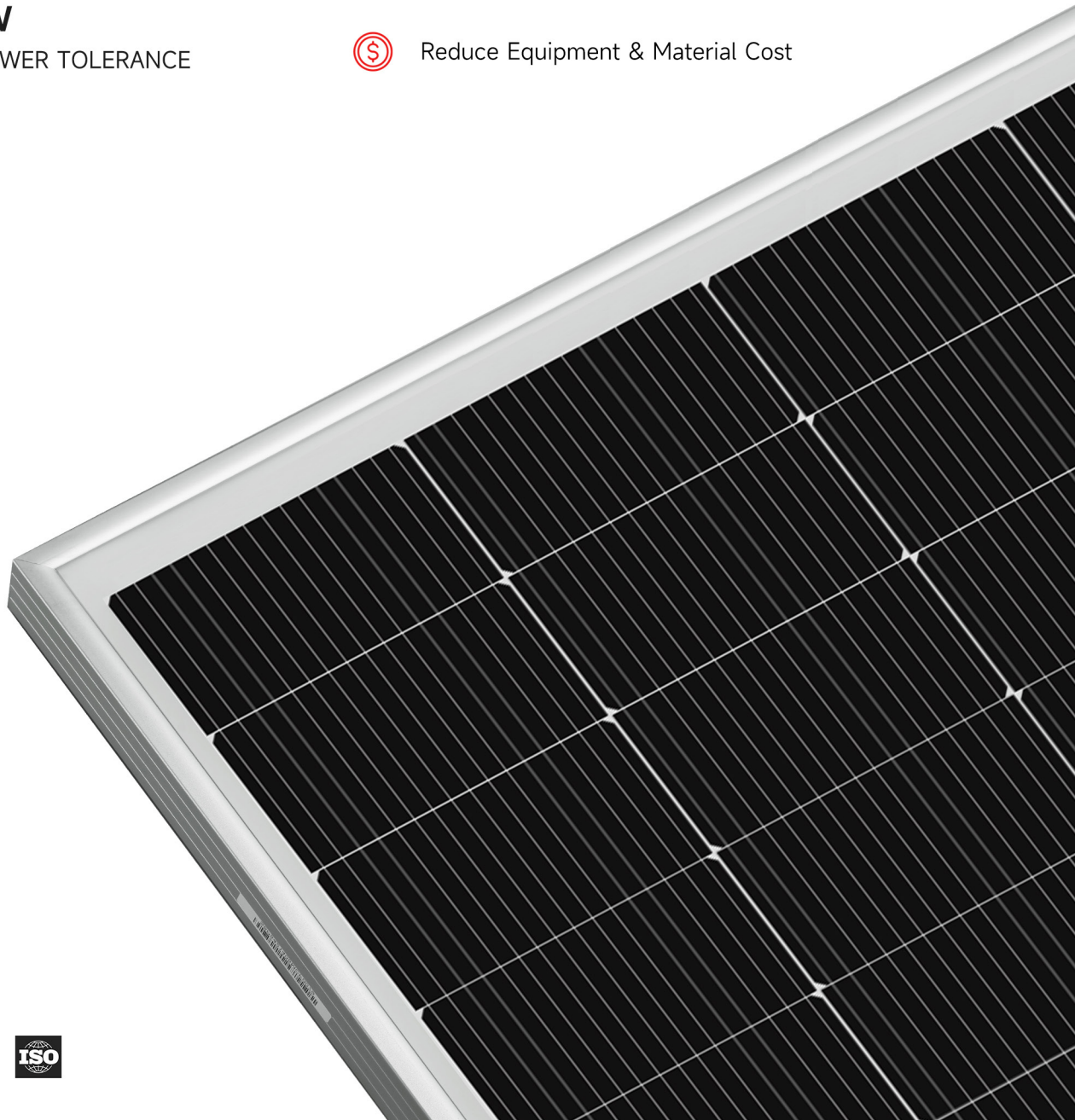
For Environment For Future



Optimize the Temperature Coefficient



Reduce Equipment & Material Cost



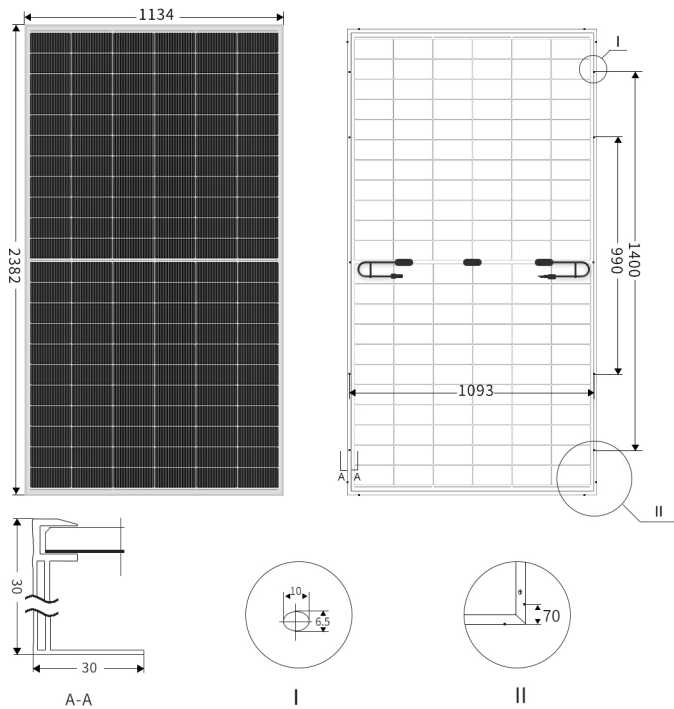
Module Type		PW-66M625HM10L-BD		PW-66M630HM10L-BD		PW-66M635HM10L-BD		PW-66M640HM10L-BD	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	625	473	630	476	635	480	640	483
Maximum Power Voltage	$V_{MPP}(V)$	41.40	39.10	41.60	39.30	41.80	39.50	42.00	39.70
Maximum Power Current	$I_{MPP}(A)$	15.11	12.08	15.16	12.11	15.20	12.14	15.25	12.17
Open Circuit Voltage	$V_{oc}(V)$	48.60	46.00	48.80	46.20	49.00	46.40	49.20	46.60
Short Circuit Current	$I_{sc}(A)$	16.14	13.02	16.20	13.06	16.26	13.10	16.32	13.14
Tolerance	(W)	0 - +5		0 - +5		0 - +5		0 - +5	
Module Efficiency	(%)	23.14		23.32		23.51		23.69	

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

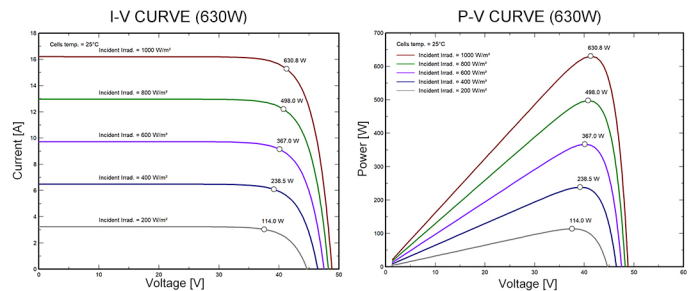
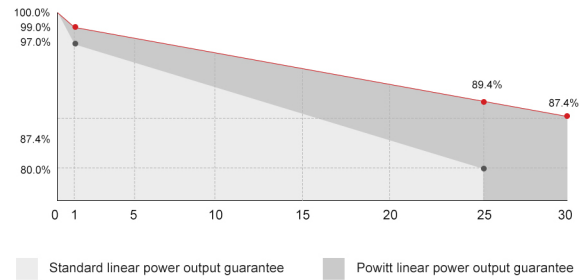
Module Type	PW-66M625HM10L-BD	PW-66M630HM10L-BD	PW-66M635HM10L-BD	PW-66M640HM10L-BD
Pmax (W)	687.5	693	698.5	704
Voc (V)	48.6	48.8	49	49.2
Isc (A)	17.54	17.60	17.65	17.71
Vmp (V)	41.4	41.6	41.8	42
Imp (A)	16.61	16.66	16.71	16.76

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)	41±3°C
No. of Cells	132 (6 x 22)	Temperature Coefficient of P _{MAX}	-0.29%/°C
Module Dimensions	2382 x 1134 x 30mm	Temperature Coefficient of V _{oc}	-0.25%/°C
Weight	32.5kg	Temperature Coefficient of I _{sc}	+0.05%/°C
Front Glass	2.0mm	MAXIMUM RATINGS	
Back Glass	2.0mm	Operational Temperature	-40°C to +85°C
Frame	Anodized Aluminium Alloy	Maximum System Voltage	1500V DC
Junction Box	IP 68 Rated	Max Series Fuse Rating	35A
Cables	4.0mm ² , 1400mm or Customized Length	Mechanical Load	5400pa
Connector	MC4 Compatible	Wind Load	2400pa

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



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