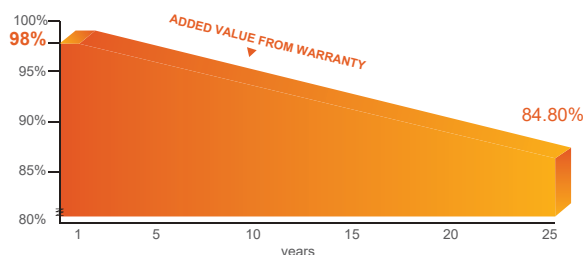


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200~450W

MONO Series

Classic	FW200W	FW250W
	FW350W	FW450W



- 25** 25-year Warranty for Extra Linear Power Output
- 12** 12-year Warranty for Materials and Processing (1st year ≤ 2.0%, 2nd~25th years ≤ 0.55% / year)

COMPREHENSIVE CERTIFICATES

IEC61215/IEC61730/IEC61701/IEC62716
ISO9001:Quality Management System



FEATURES

- +5W**
OUTPUT POSITIVE TOLERANCE
Guaranteed 0~+5W positive tolerance ensures power output reliability.
- INNOVATIONAL HALF-CELL TECHNOLOGY
Improves the module output, decreases the risk of micro-crack, enhances the module reliability.
- INNOVATIVE PERC CELL TECHNOLOGY
Excellent cell efficiency and output.
- REDUCE SHADOW LOSS
Effectively reduces the effect of shadow on the module surface.
- REDUCE INTERNAL MISMATCH LOSS
Reduces mismatch loss and improves output.
- PASSED HAIL TEST
Certified to hail resistance: ice ball size (d=25mm) and ice ball velocity
- PID RESISTANCE
Excellent PID resistance at 96 hours (@85 °C /85%) test, and also can be improved to meet higher standards for the particularly harsh environment.

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ITEM	FW200W		FW250W		FW350W		FW450W	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Max.Power(Pmax)	200	148	250	185	350	259	450	333
Opt.Operating Current(Imp)	11.11	8.88	6.94	5.55	11.67	9.34	12.50	10.00
Opt.Operating Voltage(Vmp)	18.00	16.74	36.00	33.48	30.00	27.90	36.00	33.48
Short Circuit Current(Isc)	11.66	9.33	7.28	5.82	12.25	9.80	13.13	10.50
Open Circuit Voltage(Voc)	22.14	20.59	44.28	41.18	36.90	34.32	44.28	41.18
Module Efficiency	20.16%		19.58%		21.51%		23.19%	
Module Power Tolerance	0/±5W							
Operating Temperature	-40℃~+85℃							
Max.System Voltage	1000V/1500V DC(IEC)							
Max.Series Fuse Rating	20A							
Application Level	A							
STC	Irradiance 1000W/m²,Cell temperature25℃,Spectrum AM1.5							
NOCT	Irradiance 800W/m²,Cell temperature20℃,Spectrum AM1.5,Wind speed 1m/s							

MECHANICAL DATA	FW200W	FW250W	FW350W	FW450W
Cell Type	210*210mm Monocrystalline	182*182mm Monocrystalline	182*182mm Monocrystalline	182*182mm Monocrystalline
Dimensions	1480*670*25mm	1580*808*25mm	1640*992*35mm	1956*992*35mm
Weight	9.5kg±3%	12.5kg±3%	16kg±3%	19.5kg±3%
Front Glass	3.2mm tempered glass			
Frame	Anodized aluminum alloy			
J-Box	IP67,3diodes			
Cable	TUV(2pfg1169:2007)4.0mm ² (0.006inchesm ²),(-)300/1100mm(43.3inches)and(+)300/1100mm(43.3inches)			
Connector	MC4			

PACKING SPECIFICATION				
Item	20GP	40HQ	17.5M	Single Package(40HQ,2PCS/CTN)
1640*992*35mm	430PCS	980PCS	1750PCS	1010PCS
1956*992*35mm	304PCS	720PCS	1190PCS	770PCS