

395-415W

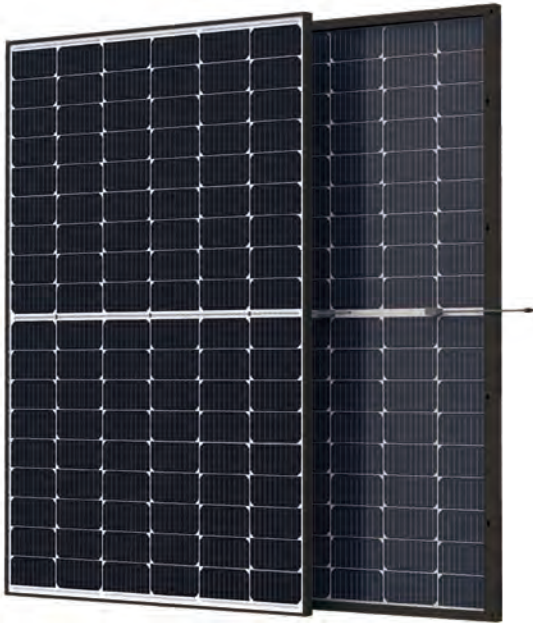
POWER RANGE

21.25%

MAXIMUM EFFICIENCY

30 YEARS

POWER OUTPUT GUARANTEE



Up to 30% additional power gain from rear side



Reduced Hot Spot Loss



Higher Power Output



Positive tolerance 0~5W



Anti PID



Lower LCOE

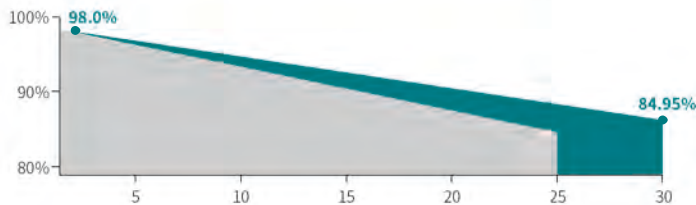


Adapt To Harsh Outdoor Environment



Front side loading 5400 Pa
Rear side loading 2400 Pa

Linear Performance Warranty

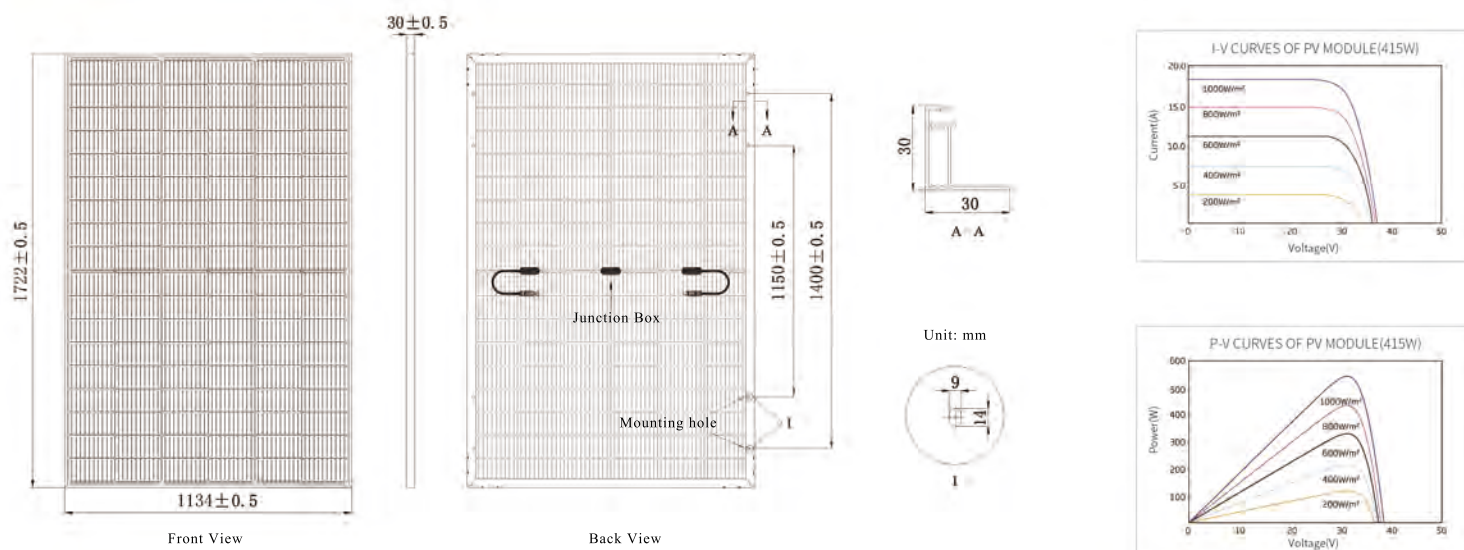


12 Years Product Material & Workmanship
30 Years Linear Performance Warranty



IEC 61215 / IEC 61730

DIMENSIONS



ELECTRICAL CHARACTERISTICS | STC*

Module Type	DGJMB395-08	DGJMB400-08	DGJMB405-08	DGJMB410-08	DGJMB415-08	Cell	Mono PERC(182*91mm)
Nominal Power Watt Pmax(W)*	395	400	405	410	415	No. of Cell	108(12x9)
Open Circuit Voltage(Voc)(V)	36.90	37.10	37.30	37.50	37.70	Dimension	1722×1134×30mm
Maximum Power Voltage(Vmp)(V)	30.70	30.90	31.10	31.30	31.50	Weight	24.5kg±3%
Short Circuit Current(A)	13.62	13.70	13.78	13.86	13.94	Glass	2.0mm+2.0mm
Maximum Power Current(Imp)(A)	12.87	12.95	13.03	13.10	13.18	Frame	Anodized aluminum alloy
Module Efficiency(%)	20.23	20.48	20.74	21.00	21.25	Junction box	IP68, 3 diodes
Power Output Tolerance Pmax	0-+5W					Cables	4mm², 300mm(with Connector)
						Connector	MC4-compatible

*The data above is for reference only and the actual data is in accordance with the practical testing

*STC (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25°C, AM 1.5

*Measuring tolerance: ±3%

MECHANICAL DATA

ELECTRICAL CHARACTERISTICS | NOCT*

Module Type	DGJMB395-08	DGJMB400-08	DGJMB405-08	DGJMB410-08	DGJMB415-08	NOCT	45±2°C
Maximum Power(Pmax)(W)	295	299	303	306	310	Temperature Coefficient of Pmax	-0.350%/°C
Open Circuit Voltage(Voc)(V)	34.50	34.70	34.80	35.00	35.20	Temperature Coefficient of Voc	-0.280%/°C
Maximum Power Voltage(Vmp)(V)	28.50	28.70	28.90	29.10	29.30	Temperature Coefficient of Isc	+0.048%/°C
Short Circuit Current(A)	11.00	11.06	11.13	11.19	11.26		
Maximum Power Current(Imp)(A)	10.34	10.41	10.47	10.54	10.60		

*NOCT: Irradiance 800W/m², Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

TEMPERATURE RATINGS

ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN (REFERENCE TO 410W FRONT)

Power Gain	Peak Power(Pmax)(W)	MPP Voltage(Vmp)(V)	MPP Current(Imp)(A)	Open Circuit Voltage(Voc)(V)	Short Circuit Current(Isc)(A)	Maximum System Voltage	1500V DC
5%	430	31.30	13.75	37.50	14.55	Operational Temperature	-40°C~+85°C
10%	451	31.30	14.41	37.50	15.25	Maximum series fuse	30A
20%	492	31.30	15.72	37.50	16.63	Maximum static loading(Front)	5400Pa(112lb/ft²)
25%	512	31.30	16.37	37.50	17.32	Maximum static loading(Back)	2400Pa(50lb/ft²)

*Refer. Bifacial Factor: 70±10%

WORKING CONDITIONS

PACKAGING

Dimensions(L×W×H)	1760×1125×1253mm
Piece/Box	36
Container 40'HC	936