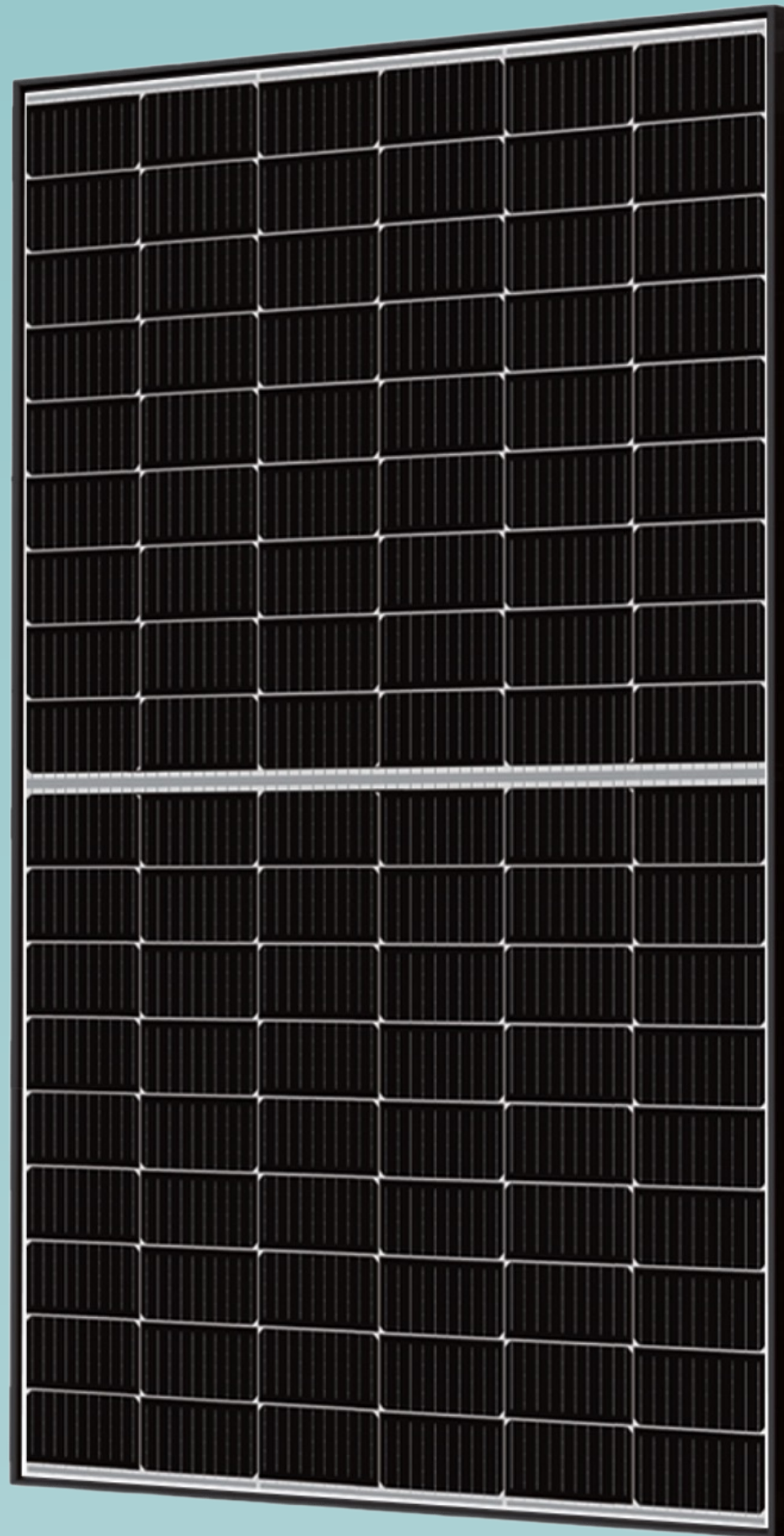


HALF-CELL MONOCRYSTALLINE



POWER RANGE
395-415W

MAXIMUM EFFICIENCY
21.27%

OUTPUT GUARANTEE
30 YEARS



HALF-CELL Monofacial
Monocrystalline Module: DGJMO-08 Series

IEC 61215 / IEC 61730

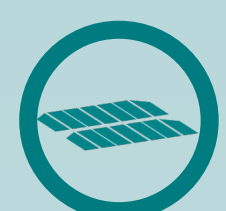
PRODUCT FEATURES



Positive tolerance 0~5W



Reduced hot spot loss



MBB Technology



High power output



Anti PID



Lower LCOE



Adapt to harsh outdoor environment

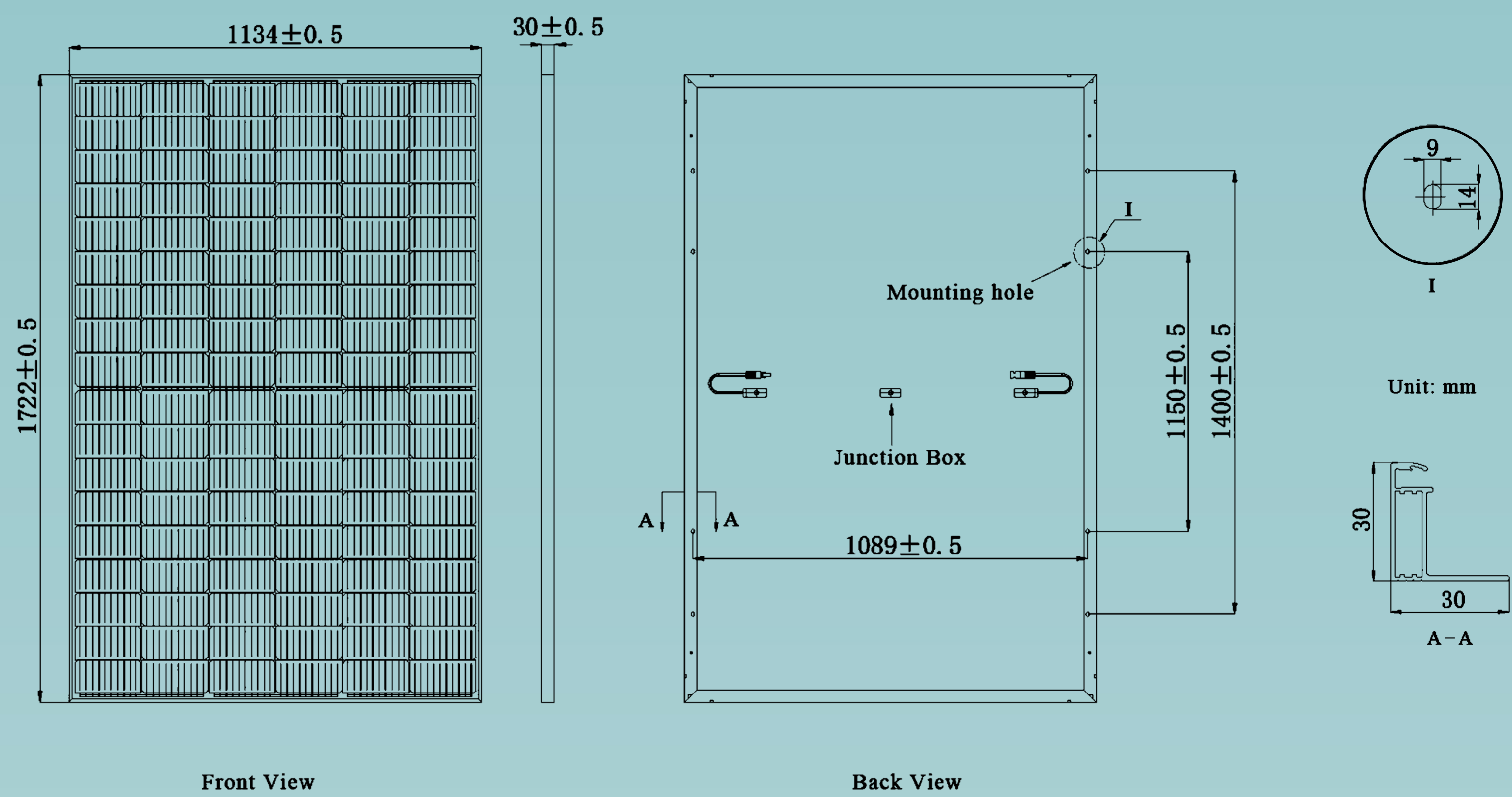
DR. GROB ENERGY GMBH

Dr. Grob is a German technology company that specializes in the production of solar modules and solar components. The company places great emphasis on continuously developing and optimizing its products to meet the needs of its customers. The team at Dr. Grob Energy GmbH has more than 10 years of experience in the development and production of PV modules and is proud to offer its own PV modules. These modules have been specifically designed to ensure high performance and efficiency. In addition, all Dr. Grob modules are TÜV-certified. They meet strict quality standards and comply with the highest requirements of the industry. The safety and reliability of Dr. Grob's products are thus confirmed.

Dr. Grob Energy GmbH
An der Kessel 1
86735 Amerdingen

Service Telefon (08:00 - 20:00 Uhr)
Tel.: +49 9089 79891 0
E-Mail: info@dr-grob.energy

DIMENSIONS



ELECTRICAL CHARACTERISTICS I STC*

Module Type	DGJMO395-08	DGJMO400-08	DGJMO405-08	DGJMO410-08	DGJMO415-08	Cell	Mono PERC(182*91mm)
Nominal Power Watt Pmax(W)*	395	400	405	410	415	No. of Cell	108(6x18)
Open Circuit Voltage(Voc)(V)	37	37.16	37.32	37.48	37.64	Dimension	1722 X1134 X30mm
Maximum Power Voltage(Vmp)(V)	31	31.18	31.36	31.54	31.72	Weight	21.4kg±3%
Short Circuit Current(A)	13.59	13.68	13.77	13.86	13.95	Glass	3.2mm, Coated tempered glass
Maximum Power Current(Imp)(A)	12.75	12.84	12.93	13.02	13.11	Frame	Anodized aluminum alloy
Module Efficiency(%)	20.23	20.49	20.75	21.01	21.27	Junction box	IP68,3 diodes
Power Output Tolerance Pmax			0+5W			Cables	4mm²,1200mm(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 I NOCT*

ModuleType	DGJMO395-08	DGJMO400-08	DGJMO405-08	DGJMO410-08	DGJMO415-08	NOCT	45±2°C
Maximum Power(Pmax)(W)	294.7	302.1	309.5	316.9	324.3	Temperature Coefficient of Pmax	-0.350%/°C
Open Circuit Voltage(Voc)(V)	34.8	35.1	35.4	35.7	36	Temperature Coefficient of Voc	-0.280%/°C
Maximum Power Voltage(Vmp)(V)	28.8	29.2	29.6	30	30.4	Temperature Coefficient of Isc	+0.048%/°C
Short Circuit Current(A)	11.05	11.19	11.33	11.47	11.61		
Maximum Power Current(Imp)(A)	10.25	10.4	10.55	10.7	10.85		

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

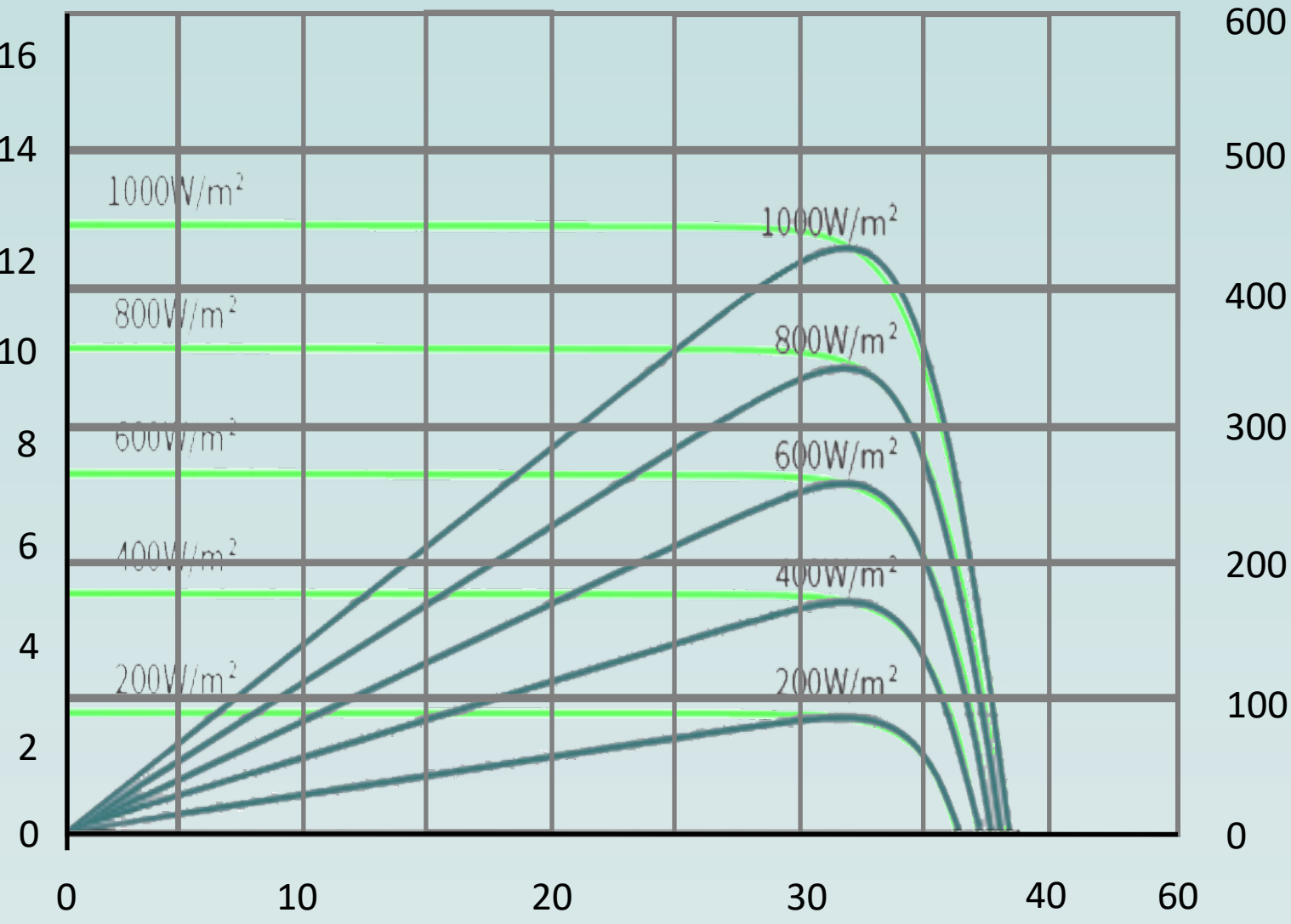
TEMPERATURE CHARACTERISTICS

WORKING CONDITIONS

Maximum System Voltage	1500V DC	Dimensions(LxWXH)	1727 X 1110 x1255mm
Operational Temperature	-40°C~+85°C	Piece/Box	36
Maximum series fuse	30A	Container 40'HC	936
Maximum static loading(Front)	5400Pa(1121b/ft²)		
Maximum static loading(Back)	2400Pa(50lb/ft²)		

PACKING

I-V & P-V CURVES OF PV MODULES(400W)



LINEAR PERFORMANCE WARRANTY

