

VEER Series M10



SUSTAINABILITY IN EVERY WATT



HIGH PERFORMANCE

- Lowlight Performer
- High power density
- Positive power tolerance

RELIABILITY

- Anti-reflective coated glass
- 12 years Product Warranty
- 30 years Performance Warranty
- Windspeed - 2400 Pa
- Snowload - 5400 Pa

SAFETY

- IP68 Junction box
- Crack Tolerant
- Max. system voltage, 1500 Vdc

MONO-PERC BIFACIAL GLASS TO GLASS MODULE 580-610Wp

World-Class Solar Solutions – Made in India

Smart Efficiency – High-performance 156X half-cut Mono Crystalline Mono-Perc Bi-Facial Solar Cells for superior energy output.

Unmatched Reliability – Built with the highest quality materials and subjected to rigorous in-house testing.

State-of-the-Art Technology – Manufactured using advanced production lines for precision and excellence.

Versatile Applications – Ideal for utility-scale projects, rooftop installations, and various other applications.

Vision

Krivi Energy pioneers solar innovation, manufacturing high-quality PV modules and offering end-to-end EPC solutions. Our vision is to establish a 2.5 GW integrated solar facility, setting new benchmarks in quality, reliability, and sustainability.

Certifications



Registered Office: Dipti Square, 112, Subhash Rd, Subhash Nagar, Jogeshwari East, Mumbai, Maharashtra 400060
Contact: 1800-268-2244 (Toll Free) / +91-22-3185-6336
solar@krivienergy.com

Factory Address: Krivi Energy Pvt Ltd Survey no.578/A/Paiki 1. Plot No.12, Moje Kotambi, Krishna Industrial Park 03, Waghodia Vadodara - 391510.
Contact: 1800-268-2244 (Toll Free)

www.KriviEnergy.com

MONO-PERC BIFACIAL GLASS TO GLASS MODULE

580-610 Wp

TECHNICAL SPECIFICATIONS

At STC: 1000 W/m², 25°C (STC in accordance with IEC 60904)

Type/Model		KRP585BM10	KRP590M10	KRP595BM10	KRP600BM10	KRP605BM10	KRP610BM10
Max Rated Power, (Pm)	[Wp]	585	590	595	600	605	610
Maximum Power Voltage, (Vmp)	[V]	40.99	41.25	41.51	41.77	42.03	42.09
Open Circuit Voltage, (Voc)	[V]	47.25	47.45	47.65	47.85	48.05	48.25
Short Circuit Current, (Isc)	[A]	15.92	15.953	15.98	16.01	16.03	16.06
Maximum Power Current, (Imp)	[A]	15.22	15.298	15.38	15.46	15.54	15.62
Module Efficiency, (η)	[%]	20.84	21.01	21.19	21.37	21.55	21.73

At low irradiance (200W/M² 25°C and AM15) the module yields at least 95% of the STC efficiency. Test Uncertainty ±3%

At NOCT: 800 W/m², 45 ± 2°C, Amb. temperature at 20°C, 1 m/s Wind Velocity

Type/Model		KRP585BM10	KRP590M10	KRP595BM10	KRP600BM10	KRP605BM10	KRP610BM10
Max Rated Power, (Pm)	[Wp]	436.18	439.90	443.63	447.36	451.09	454.82
Maximum Power Voltage, (Vmp)	[V]	38.94	39.19	39.43	39.68	39.93	39.99
Open Circuit Voltage, (Voc)	[V]	44.89	45.08	45.27	45.46	45.65	45.84
Short Circuit Current, (Isc)	[A]	16.08	16.11	16.14	16.17	16.19	16.22
Maximum Power Current, (Imp)	[A]	15.37	15.45	15.53	15.61	15.70	15.78
Module Efficiency, (η)	[%]	15.54	15.67	15.80	15.93	16.07	16.20

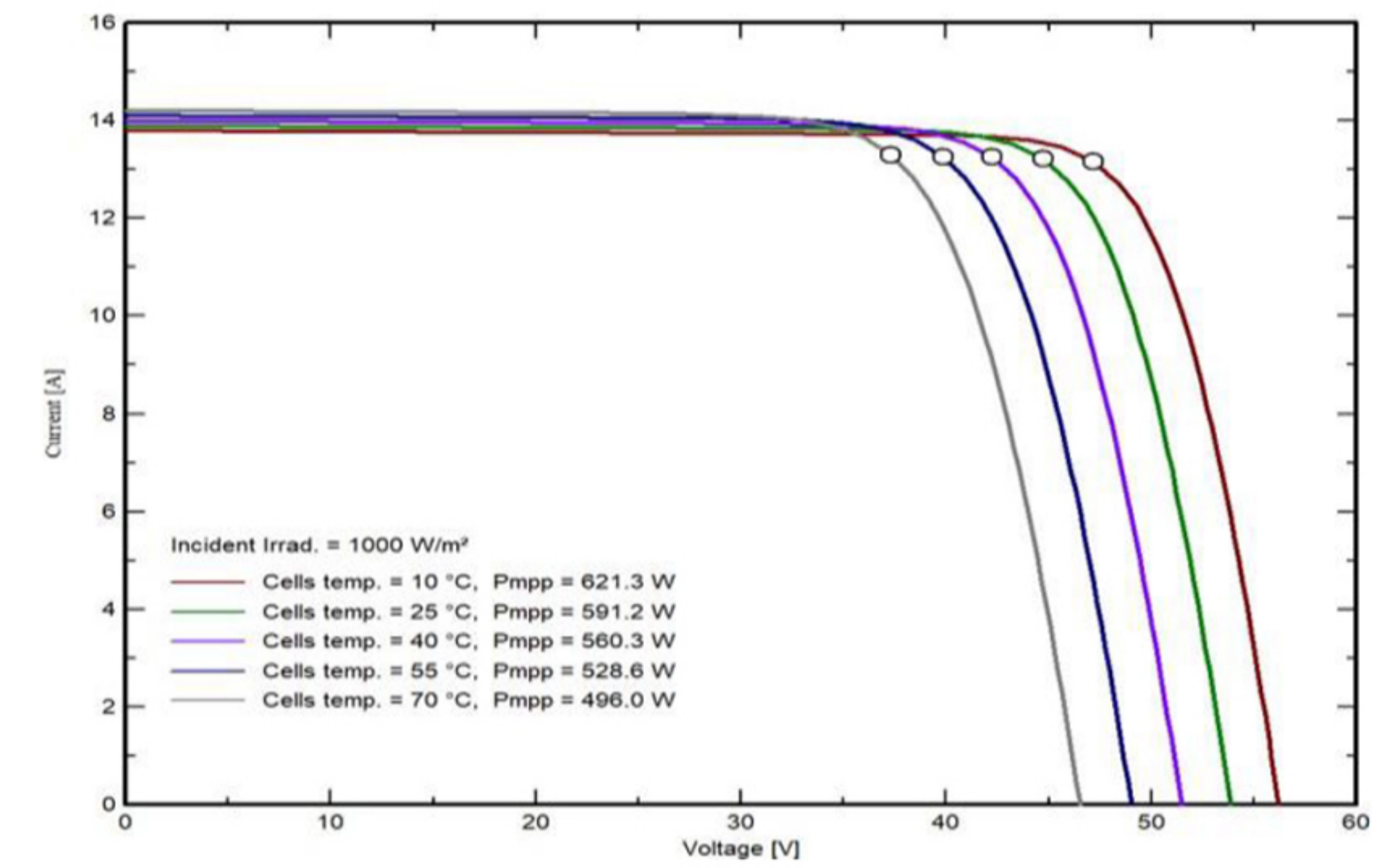
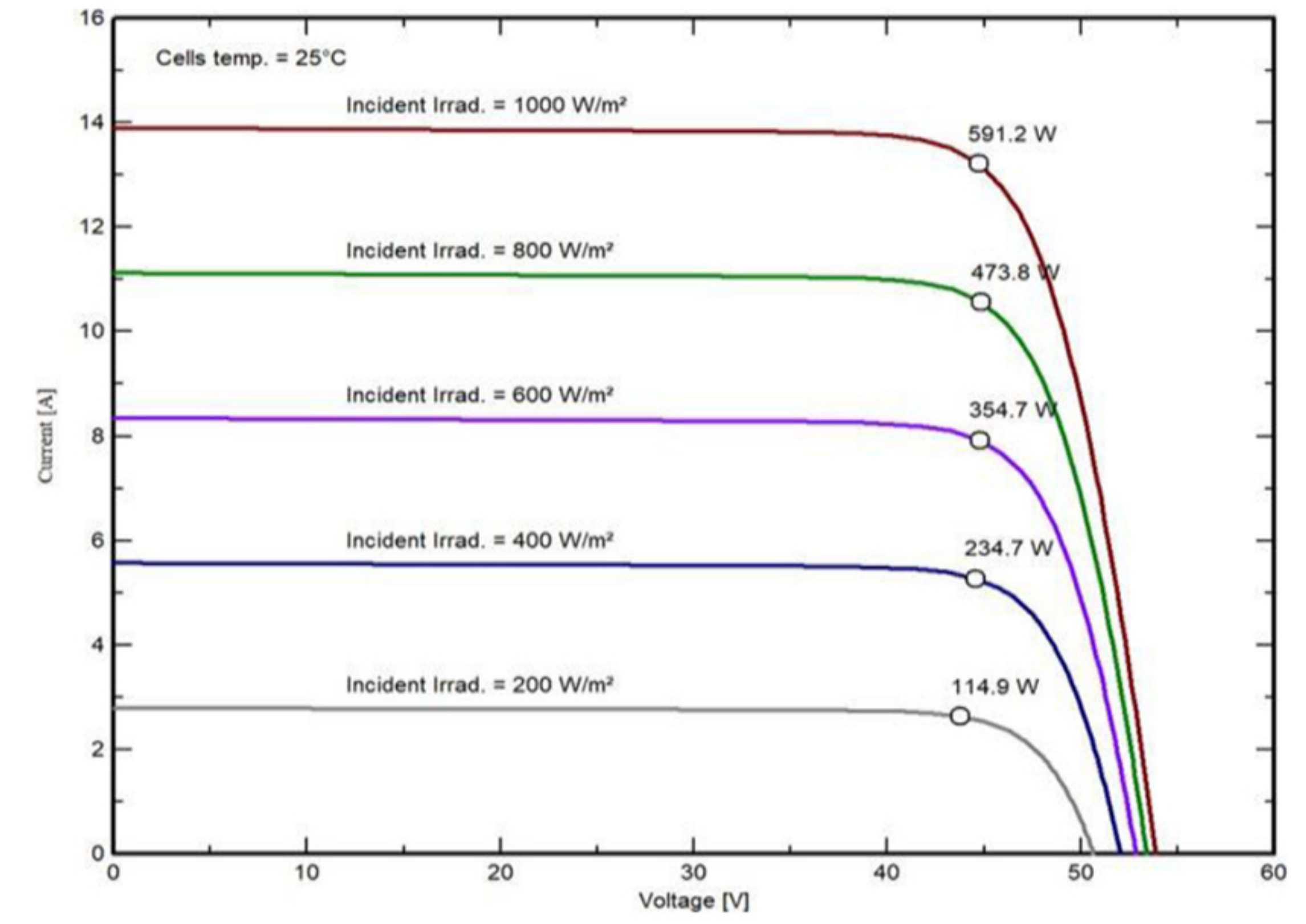
At low irradiance (200W/M² 25°C and AM15) the module yields at least 95% of the STC efficiency. Test Uncertainty ±3%

Bifacial Gain

Type/Model		KRP585BM10	KRP590M10	KRP595BM10	KRP600BM10	KRP605BM10	KRP610BM10
5%	Pm (Wp)	614.25	619.50	624.75	630.00	635.25	640.50
	Eff (%)	21.88	22.06	22.25	22.44	22.63	22.81
10%	Pm (Wp)	643.50	649.00	654.50	660.00	665.50	671.00
	Eff (%)	22.92	23.12	23.31	23.51	23.70	23.90
15%	Pm (Wp)	672.75	678.50	684.25	690.00	695.75	701.50
	Eff (%)	23.96	24.17	24.37	24.58	24.78	24.99
20%	Pm (Wp)	702.00	708.00	714.00	720.00	726.00	732.00
	Eff (%)	25.00	25.22	25.43	25.64	25.86	26.07
25%	Pm (Wp)	731.25	737.50	743.75	750.00	756.25	762.50
	Eff (%)	26.05	26.27	26.49	26.71	26.94	27.16
30%	Pm (Wp)	760.50	767.00	773.50	780.00	786.50	793.00
	Eff (%)	27.09	27.32	27.55	27.78	28.01	28.24

* The bifacial gain depends on the system design, tilt angle, base surface and structure height.

I-V CURVE



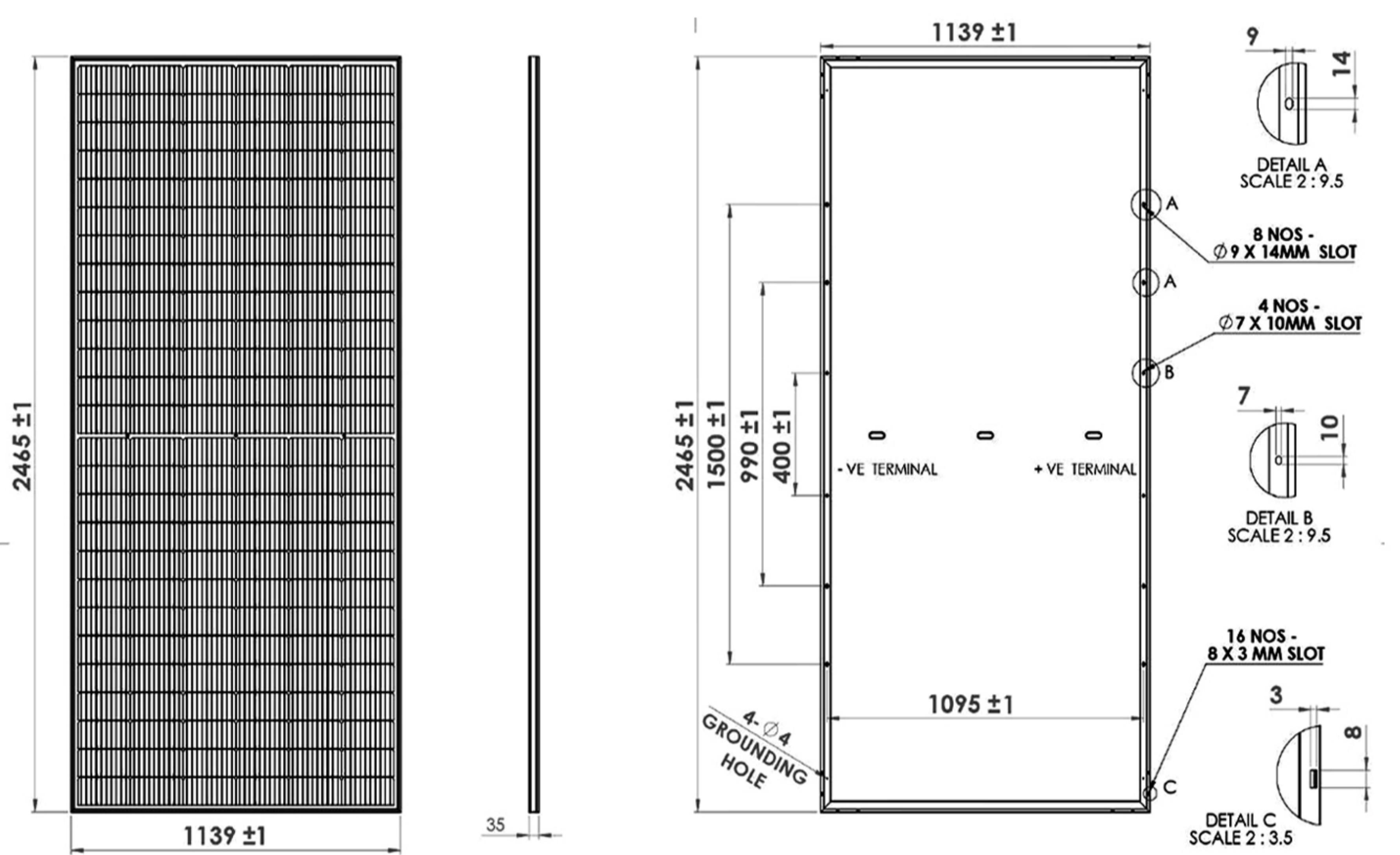
THERMAL COEFFICIENTS

Thermal Coefficient for Open Circuit Voltage	-0.25%/°C
Thermal Coefficient for Short Circuit Current	0.05%/°C
Thermal Coefficient for Max Power	-0.34%/°C
NOCT	45°C ± 2°C
Operating Temperature	-40°C to 85°C

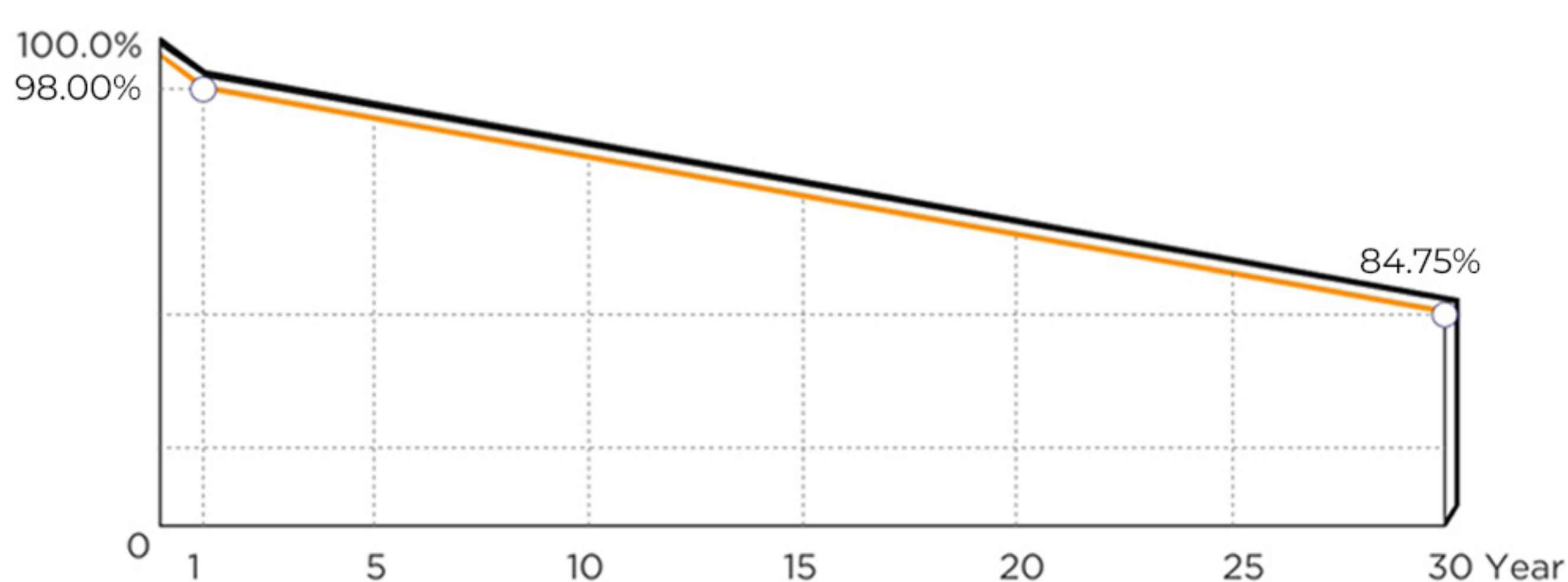
MECHANICAL DATA

Weight	35 kgs
Length x Width x Thickness (L x W x T)	2465 X 1139 X 35 mm
Solar Cell	M10
Solar Cell Type & Size	156 Half Cell 182 X 182 mm
Front Glass (Material / Thickness)	2 mm AR Semi Tempered Glass
Back Glass (Material / Thickness)	2 mm Semi Tempered Glass
Junction Box (Protection degree / Material)	IP68
Connector	MC4
Cable cross - section & Length	No. 12 AWG, 4mm ² X 400 mm
Frame	Anodised Aluminium Alloy

DIMENSIONS



DEGRADATION CURVE



WARRANTY TERMS

Product Warranty	12 Years
Performance Warranty	30 Years
1st Year Degradation	2%
2nd to 30th Degradation	0.50%

- The electrical data given here is for reference purpose only.
- Please confirm your exact requirements with the sales representative while placing order.
- Refer installation Manual instructions & Krivi Energy warranty statement for terms & conditions.
- Krivi Energy Reserves the right to change the specifications without prior notice.



Factory Address:

Krivi Energy Pvt Ltd Survey no.578/A/Paiki 1.
Plot No.12, Moje Kotambi, Krishna Industrial
Park 03, Waghodia Vadodara - 391510.

Panel Sales Partner:

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