



KAUMO SOLAR MODULES

KAUMO SOLAR Photovoltaic Modules are offered with power ratings from 3WP to 315WP. The high performance poly-crystalline modules are design for on-grid as well as off grid applications.

Key Features



Made in India



1000 V Vdc



Positive power tolerance



PID resistant



Highly reliable Anti-reflective coated glass

25
Years

Limited power output warranty



Windspeed - 2400 Pa
Snowload - 5400 Pa

5
Years

Product warranty



IP67 Junction box

Tested as per MNRE Specifications

ISO 9001:2008/Quality management system
ISO 14001:2004 | Environmental Management System

KAUMO Solar has a presence in Uttar Pradesh and Uttarakhand as well as representatives in other parts of country.

Performance Under Standard Test Conditions (1000w/m² AM 1.5, TEMP-25°C)

Max Power Pmp(W)	10W	20W	40W	50W	75W	100W	150W	250W/12V	250W/24V	300W
Power Tolerance(+/-)	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Max.Power Voltage Vmp(V)	8.4	17.88	18.55	18.80	18.52	18.53	18.18	18.02	30.81	35.9
Max.Power Current Imp(A)	0.6	1.35	2.45	2.93	4.24	5.69	8.42	14.11	8.21	8.37
Open Circuit Voltage Voc(V)	22.2	21.52	22.29	22.30	22.32	22.30	22.31	22.30	37.19	44.5
Short Circuit Current Isc(A)	0.65	1.45	2.58	3.10	4.49	6.04	8.94	15.01	8.78	8.91
Max.System Voltage VDC	600	600	600	600	600	1000/600	1000/600	1000	1000	1000
Pm Temperature Coefficient(%/K)	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.43	-0.43	-0.43
Isc Temperature Coefficient(mA/k)	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.04	0.04	0.04
Voc Temperature Coefficient(mV/K)	-2	-2	-2	-2	-2	-2	-2	-0.32	-0.32	-0.32
NOCT-Nominal operating cell temp.(Celsius)	45	45	45	45	45	45	45	45	45	45
Size in (mm) L*W*H	300*350*22 525*345*22 465*665*22 545*665*35 775*665*35 1010*665*35 1495*665*35 1639*991*40 1639*991*40 1995*991*40									

Applications

- Domestic Lighting Systems • Portable Lantern
- Street Lighting • Water Pump • Crop Sprayer
- Sign Boards & glow signs • Power pack for Village
- Offshore Platforms • Desalination Plants
- Microwave repeater station • Community Tv systems
- Battery Charging • Railway signaling & Lighting systems
- Rural radio phones & exchanges

Registered Office

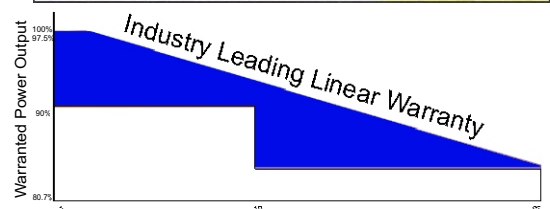
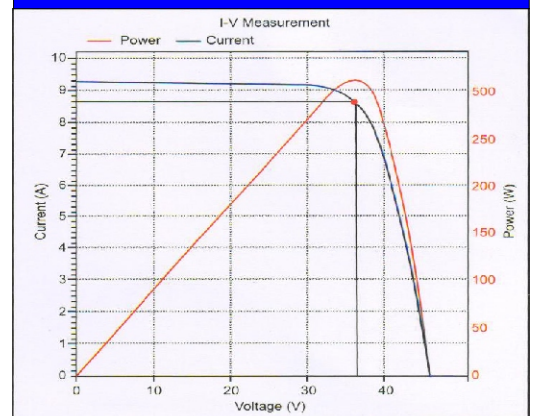
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Factory

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Electrical Characteristics



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Module image for representation purpose only. Due to continuous improvement product specification may change without notice.