

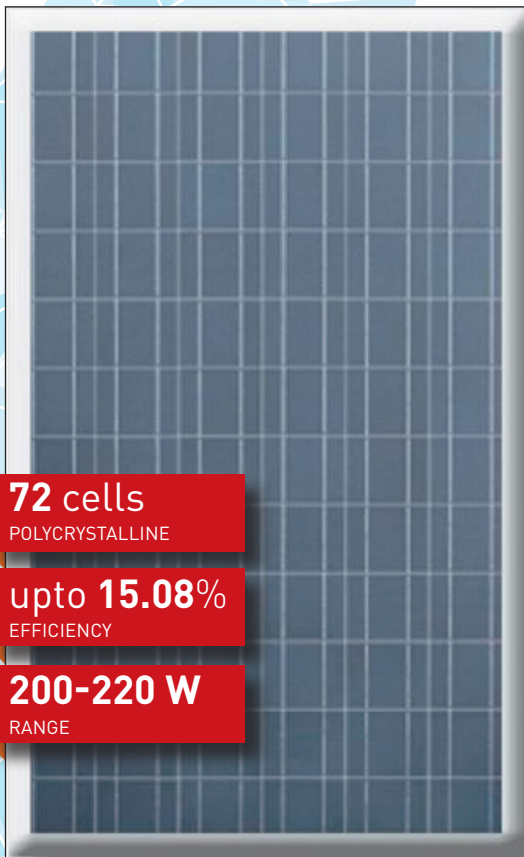
ELDORA

HIGH EFFICIENCY SOLAR PV MODULES


vikramsolar
CREATING CLIMATE FOR CHANGE

ELDORA 200P | POLYCRYSTALLINE SOLAR PV MODULES | 72 CELLS | 200-220 WATT

ELDORA 200P GRAND SERIES



72 cells
POLYCRYSTALLINE

upto **15.08%**
EFFICIENCY

200-220 W
RANGE



Designed for very **HIGH AREA EFFICIENCY** ideally suited for roof-top and ground-mounted applications



Up to +5 Wp **POSITIVE POWER OUTPUT TOLERANCE GUARANTEED** ensuring faster ROI



Extremely **RELIABLE PRODUCT** suiting all environment conditions



Engineered to provide **EXCELLENT LOW LIGHT RESPONSE**



QUALITY AND SAFETY

- ◆ 25 years of limited power output warranty **
- ◆ Rigorous quality control meeting the highest international standards
- ◆ Certified for ammonia resistance*

CERTIFICATES

- ◆ IEC 61215 Ed2
- ◆ IEC 61730
- ◆ IEC 62716
- ◆ MCS
- ◆ PV Cycle

APPLICATIONS

- ◆ On-grid rooftop residential, commercial and industrial roof top installations
- ◆ Solar pumping applications
- ◆ Off-grid residential systems

TECHNICAL DATA

ELDORA 200P GRAND SERIES

THIS DATASHEET IS APPLICABLE FOR: ELDORA 200P

Electrical Data¹ All Data refers to STC (AM 1.5, 1000 W/m², 25 °C)

Peak Power (0-4.99Wp) P _{max} (Wp)	200	205	210	215	220
Maximum Voltage V _{mpp} (V)	36.21	36.35	36.78	36.95	37.04
Maximum Current I _{mpp} (A)	5.53	5.64	5.71	5.82	5.95
Open Circuit Voltage V _{oc} (V)	43.65	43.78	43.9	44.28	44.51
Short Circuit Current I _{sc} (A)	6.08	6.14	6.29	6.38	6.45
Module Efficiency (%)	13.71	14.05	14.39	14.73	15.08

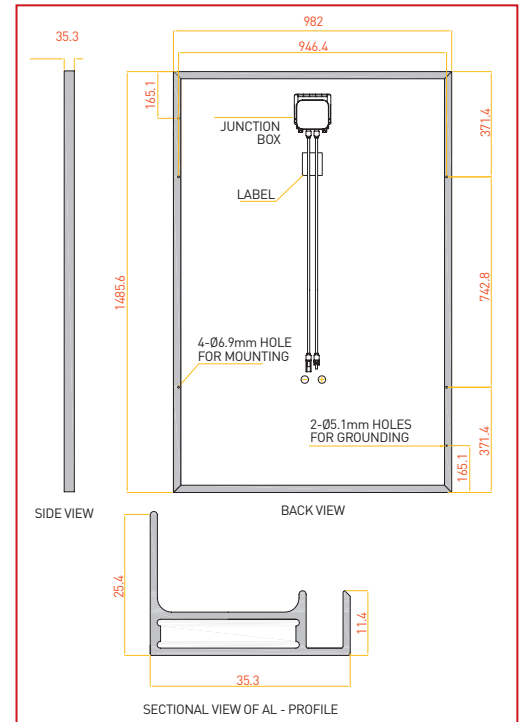
1) STC: 1000 W/m² irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3.

Temperature Coefficients (Tc) permissible operating conditions²

Tc of Open Circuit Voltage (β)	-0.31%/°C
Tc of Short Circuit Current (α)	0.058%/°C
Tc of Power (γ)	-0.41%/°C
Maximum System Voltage	1000 V
NOCT	45°C ± 2°C
Temperature Range	-40°C to + 85°C

2) NOCT irradiance 800 W/m², ambient temperature 20°C, wind speed 1 m/sec

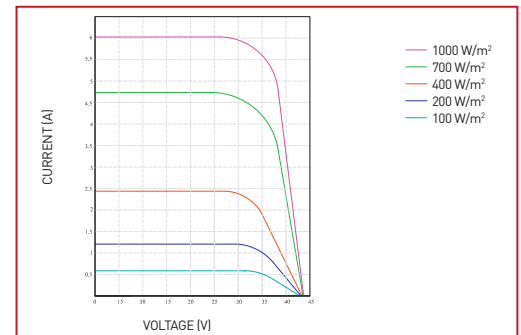
Dimensions in mm



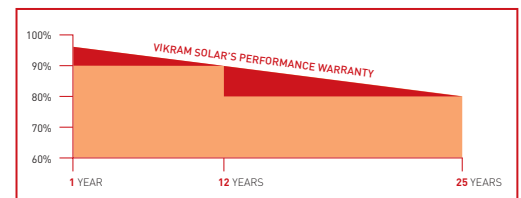
Mechanical Data

Length × Width × Height	1486 mm × 982 mm × 36 mm
Weight	15.5 kg
Junction Box	IP67, 3 Bypass Diodes
Cable & Connectors	1200 mm length cables, SOLARLOK PV4/MC4 Compatible/MC4 Connectors
Application Class	Class A (Safety class II)
Superstrate	High transmission low iron tempered glass
Cells	72 Polycrystalline solar cells
Cell Encapsulant	EVA (Ethylene Vinyl Acetate)
Back Sheet	Composite film
Frame	Anodized aluminium frame with twin wall profile

Typical I-V Curves



Performance Warranty



Warranty and Certifications

Product Warranty**	10 years
Performance Warranty**	Guaranteed power output of 90% for 12 years and 80% for 25 years
Approvals and Certificates	IEC 61215 Ed2, IEC 61730, IEC 62716, MCS, PV Cycle

* All (*) certifications under progress.

** Refer to Vikram Solar's warranty document for terms and conditions.

Packaging Information

Quantity /Pallet	28
Pallets/Container (40'HC)	28
Quantity/Container (40'HC)	784

CAUTION: READ SAFETY AND INSTALLATION MANUAL BEFORE USING THE PRODUCT.

Specifications included in this datasheet are subject to change without notice. Electrical data without guarantee. Please confirm your exact requirement with the company representative while placing your order.