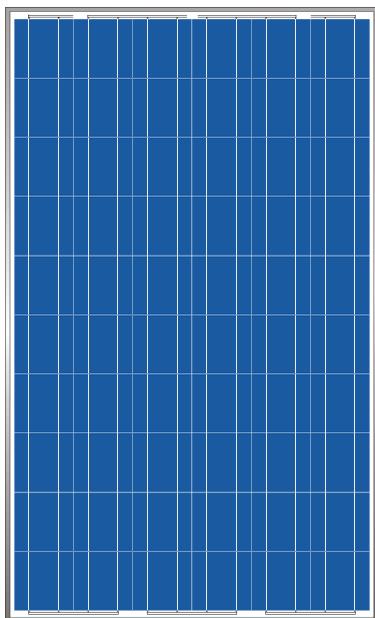


VJP6

60/200-250 SOLAR PHOTOVOLTAIC MODULE



PRODUCT OVERVIEW

- Vorks Energy's modules are optimally manufactured and adjusted to meet the needs of the current market; scientifically designed module dimension makes the installation simple and easy.
- Our continuous efforts in quality assurance system and certifications shows Vorks Energy's products demonstrate our commitment to product quality and customer requirements

MODULE CHARACTERISTICS

- High efficiency crystalline silicon solar cells
- High transmission low iron tempered glass, strong mechanical resistance
- Standard waterproof junction box, with bypass diode.
- High endurance to different atrocious weather.
- Custom designed modules according to clients's requirement.

MECHANICAL PARAMETERS

Cell(mm)	Poly 156×156
Weight(kg)	19.5
Dimensions(L×W×H)(mm)	1650×991×40
Cable Length(mm)	≥1000
Cable cross section size(mm ²)	4
No. of cells and connections	60 (10×6)
No. of diodes	3
Packing configuration	25 Pcs./Pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1000V(TÜV) / 600V(UL)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa
Grounding conductivity	<0.1Ω
NOCT	47±2°C
Application Class	Class A
Insulation Resistance	≥100MΩ

GUARANTEE

10-year limited product warranty

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output

Vorks Energy Private Limited

Add: The Concourse, A-2A, Sector - 63, Noida - 201301, Uttar Pradesh, India

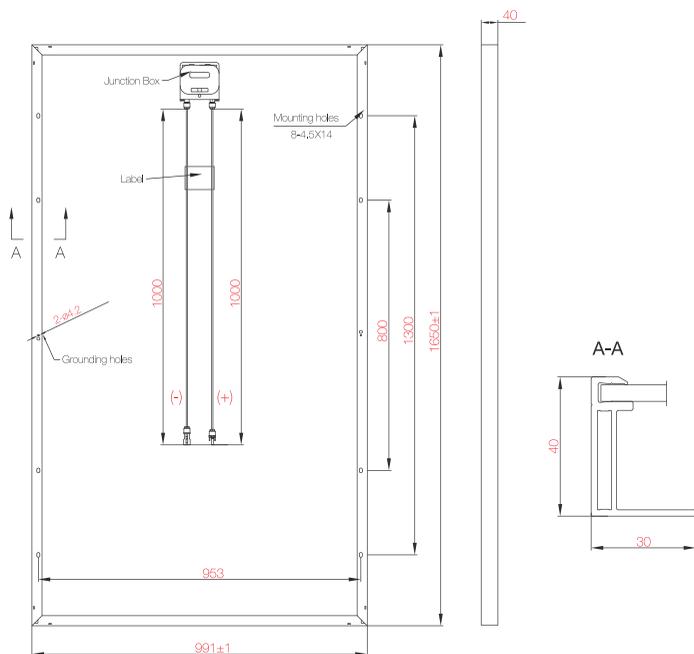
Tel: +91-98100-40837 **Email:** solar@vorks.com

www.vorks.com



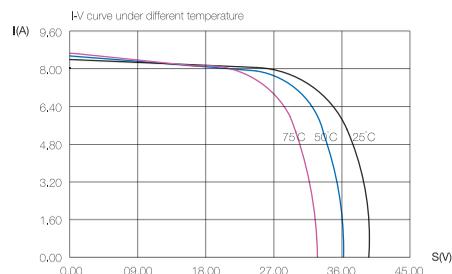
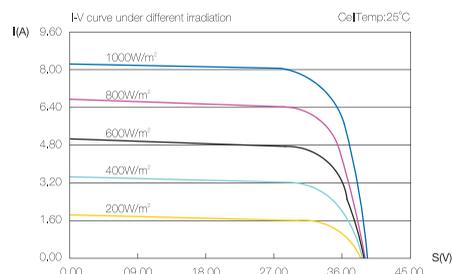
VJP6

60/200-250 SOLAR PHOTOVOLTAIC MODULE



I-V CURVE

Output under different irradiation and the correlation between Isc/Voc/ Pmax and Temperature map



ELECTRICAL PARAMETERS

TYPE	VJP6-60-200	VJP6-60-205	VJP6-60-210	VJP6-60-215	VJP6-60-220	VJP6-60-225	VJP6-60-230	VJP6-60-235	VJP6-60-240	VJP6-60-245	VJP6-60-250
Rated Maximum Power at STC (W)	200	205	210	215	220	225	230	235	240	245	250
Open Circuit Voltage (Voc/V)	36.15	36.32	36.49	36.66	36.83	37.00	37.17	37.34	37.51	37.68	37.85
Maximum Power Voltage (Vmp/V)	28.12	28.32	28.52	28.72	28.92	29.12	29.32	29.52	29.72	29.92	30.12
Short Circuit Current (Isc/A)	7.80	7.89	7.97	8.06	8.14	8.23	8.31	8.40	8.48	8.57	8.65
Maximum Power Current (Imp/A)	7.11	7.24	7.36	7.49	7.61	7.73	7.84	7.96	8.08	8.19	8.30
Module Efficiency [%]	12.23	12.54	12.84	13.15	13.45	13.76	14.07	14.37	14.68	14.98	15.29
Power Tolerance	±3%										
α_{Isc}	+0.040%/°C										
β_{Voc}	-0.304%/°C										
γ_{Pmp}	-0.420%/°C										

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