Manufacturer of Solar PV Modules & other Solar Products and Comprehensive EPC Solution Provider



Himalayan Solar Power Solution for a Shining Future

Mono Perc and Bifacial N Topcon Photovoltaic Modules (Range 150Watt to 400Watt)



We also manufacture: Lithium Ion Battery Solar Water Pumps

Solar

Pump

Controller

Solar Power Plants | P | P

Solar Power Packs

Solar Charger Controller Solar Home System Solar Street Lights

HimSol- 72Cell



Product Warranty** 12 years of product warranty

Performance Warranty** Power degradation <2.0% in first year and <0.55% / year in 2 to 25 years



► High Module Conversion Efficiency

Module efficiency up to 21.10 % achieved through advanced cell technology and manufacturing process.

Advanced Technology

MBB- Multi Busbar (10BB) / Halfcut MONOPERC cells /Ga Doped Wafers.

Positive Tolerance

Power output with a positive tolerance.

Excellent performance in low light

Superior output in low irradiance Increased power production even in low-light environments.

Extended Wind and Snow load Tests

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

Excellent PID Resistance

Excellent Anti-PID performance and certified for up-to 288 Hrs

Withstanding a Harsh Environment

Reliable quality leads to better sustainability, even in harsh environments such as deserts,

farms, coastal and the areas with ammonia exposure

▶ Rigorous Testing Criteria

100% I-V Measurement, HiPOT test and EL inspection, ensures defect-free modules





Module Type		375Wp	380Wp	385Wp	390Wp	395Wp	400Wp
Conditions	Unit	STC	STC	STC	STC	STC	STC
Peak Power, Pmax (Wp)	w	375	380	385	390	395	400
Voltage at Maximum power, Vmp	v	38.71	38.99	39.22	39.49	39.71	39.95
Current at maximum power, Imp	Α	9.69	9.75	9.82	9.88	9.95	10.02
Open circuit voltage, Voc	V	47.40	47.54	47.76	47.97	48.19	48.55
Short circuit current, lsc	Α	10.28	10.33	10.38	10.42	10.48	10.55
Module Efficiency (%)		19.13%	19.38%	19.64%	19.89%	20.15%	20.40%
Operating Temperature (0C)			-40°C~+85°C	Temperature co (a)	efficient of Isc	-0.048%/°C	
Maximum system voltage			1500VDC	Nominal Operat temperature (NC	ing cell DCT)	45±2°C	
Maximum series fuse rating			25A	Fire Safety		Class-C	
Power tolerance (Wp)			0~+3%	Application		Class-A	
Temperature coefficient of Pmax (γ)			-0.36%/°C	Safety Class		Class-II	
Temperature coefficient of Voc (ß)			-0.28%/°C	Temperature co (a)	efficient of Isc	-0.046%/°C	

STC: Irradiance 1000W/m², module temperature 25°C, AM =1.5; NOCT: Irradiance 800W/m², ambient temperature 20°C, AM=1.5, wind Speed 1m/s. Average power reduction of 4.5% at 200W/m² as per IEC 60904- 1. Except Pmax, all other parameters have tolerance of +/-5%, measurement uncertainty +/-3%

Module Mechanical Data

SPECIFICATION DATA	
Cell Technology	Mono PERC Crystalline– 72 pcs
Dimensions (LxWxH)	1976 mm X 992 mm X 35 mm
Weight	21.3 kg
Superstrate	High Transmission, AR Coated Tempered Glass
Back Sheet	Multilayered Back Sheet
Frame	Anodized Aluminium
Junction Box Cable & Connectors	IP 67/68 Rated with 3 Bypass Diodes 4.0mm2, Length – 1000mm, MC4 Compatible (Available on
Application Class	Class A (Safety Class II)
Machanical Load Tost	5400 Ba (Spow load) 2400 Ba (Wind load)
Max Series Fues Dating	15 A
wax. Series ruse Rating	10 A

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Module Type		315Wp	320Wp	325Wp	330Wp	335Wp	340Wp	345Wp
Conditions	Unit	STC	STC	STC	STC	STC	STC	STC
Peak Power, Pmax (Wp)	W	315	320	325	330	335	340	345
Voltage at Maximum power, Vmp	v	37.04	37.39	37.67	37.90	38.08	38.17	38.29
Current at maximum power, Imp	Α	8.51	8.56	8.63	8.71	8.80	8.91	9.02
Open circuit voltage, Voc	v	44.76	45.08	45.41	45.68	46.02	46.34	46.60
Short circuit current, Isc	Α	9.26	9.31	9.34	9.38	9.43	9.47	9.55
Module Efficiency (%)		16.07%	16.32%	16.58%	16.83%	17.09%	17.34%	17.60%
Operating Temperature (0C)			-40°C~+85°C	Temperature coefficient of lsc (a)		-0.048%/°C		
Maximum system voltage			1500VDC	Nominal Operating cell temperature (NOCT)		45±2°C		
Maximum series fuse rating			25A	Fire Safety		Class-C		
Power tolerance (Wp)		0~+3%	Application		Class-A			
Temperature coefficient of Pmax (y)			-0.36%/°C	Safety Class		Class-II		
Temperature coefficient of Voc (ß)			-0.28%/°C	Temperature coefficient of lsc (a)		-0.046%/°C		

STC: Irradiance 1000W/m², module temperature 25°C, AM =1.5; NOCT: Irradiance 800W/m², ambient temperature 20°C, AM=1.5, wind Speed 1m/s. Average power reduction of 4.5% at 200W/m² as per IEC 60904-1. Except Pmax, all other parameters have tolerance of +/-5%, measurement uncertainty +/-3%

Module Mechanical Data

SPECIFICATION DATA	
Cell Technology	Mono PERC Crystalline Silicon– 72 pcs
Dimensions (LxWxH)	1976 mm X 992 mm X 35 mm
Weight	21.3 kg
Superstrate	High Transmission, AR Coated Tempered Glass
Back Sheet	Multilayered Back Sheet
Frame	Anodized Aluminium
Junction Box	IP 67/68 Rated with 3 Bypass Diodes
Request)	4.011112, Length - 10001111, MC4 Compatible (Available on
Application Class	Class A (Safety Class II)
Mechanical Load Test	5400 Pa (Snow load), 2400 Pa (Wind load)
Max. Series Fuse Rating	15 A

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Module Type		175Wp	180Wp	185Wp	190Wp	195Wp	200Wp
Conditions	Unit	STC	STC	STC	STC	STC	STC
Peak Power, Pmax (Wp)	w	175	180	185	190	195	200
Voltage at Maximum power, Vmp	v	18.71	18.98	19.24	19.50	19.76	20.14
Current at maximum power, Imp	Α	9.36	9.49	9.62	9.75	9.88	9.94
Open circuit voltage, Voc	V	23.26	23.40	23.59	23.76	23.88	24.28
Short circuit current, Isc	Α	10.05	10.14	10.22	10.33	10.42	10.51
Module Efficiency (%)		16.95%	17.43%	17.91%	18.40%	18.88%	19.37%
Operating Temperature (0C)			-40°C~+85°C	Temperature co (a)	efficient of Isc	-0.048%/°C	
Maximum system voltage			1500VDC	Nominal Operat temperature (NC	ing cell DCT)	45±2°C	
Maximum series fuse rating			25A	Fire Safety		Class-C	
Power tolerance (Wp)			0~+3%	Application		Class-A	
Temperature coefficient of Pmax (γ)			-0.36%/°C	Safety Class		Class-II	
Temperature coefficient of Voc (ß)			-0.28%/°C	Temperature co (a)	efficient of Isc	-0.046%/°C	

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Module Mechanical Data

SPECIFICATION DATA	
Cell Technology	Mono PERC Crystalline– 36 pcs
Dimensions (LxWxH)	1505 mm X 686 mm X 35 mm
Weight	11 kg
Superstrate	High Transmission, AR Coated Tempered Glass
Back Sheet	Multilayered Back Sheet
Frame	Anodized Aluminium
Junction Box	IP 67/68 Rated with 2Bypass Diodes
Cable & Connectors	4.0mm2, Length – 1000mm, MC4 Compatible (Available on
Application Class	Class A (Safety Class II)
Mechanical Load Test	5400 Pa (Snow load), 2400 Pa (Wind load)
Max. Series Fuse Rating	15 A

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Module Type		150Wp	155Wp	160Wp	165Wp	170Wp	
Conditions	Unit	STC	STC	STC	STC	STC	
Peak Power, Pmax (Wp)	W	150	155	160	165	170	
Voltage at Maximum power, Vmp	v	17.83	18.22	18.30	18.45	18.86	
Current at maximum power, Imp	Α	8.42	8.55	8.75	8.95	9.02	
Open circuit voltage, Voc	V	21.90	22.18	22.25	22.65	23.01	
Short circuit current, Isc	Α	9.15	9.28	9.42	9.55	9.61	
Module Efficiency (%)		14.52%	15.02%	15.50%	15.98%	16.46%	
Operating Temperature (0C)	-40°C~+85°C		Temperature coefficient of lsc (a)		-0.048%/°C		
Maximum system voltage	1500VDC		Nominal Operating cell temperature (NOCT)		45±2°C		
Maximum series fuse rating		25A	Fire Safety		Class-C		
Power tolerance (Wp)	0~+3%		Application		Class-A		
Temperature coefficient of Pmax (γ)	-0.36%/°C		Safety Class		Class-II		
Temperature coefficient of Voc (ß)	-0.28%/°C		Temperature coeff	icient of Isc (a)	-0.046%/°C		

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Request)	4.011112, Length – 10001111, WC4 Compatible (Available on
Application Class	Class A (Safety Class II)
Mechanical Load Test	5400 Pa (Snow load), 2400 Pa (Wind load)
Max. Series Fuse Rating	10 A

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Our Commitments

- O► Quality Products & Solutions
- O► Timely Delivery
- O► Cost Effectiveness
- O► Total Customer Satisfaction



Himalayan Solar Power Solution for a Shining Future

Manufacturing Units: - Plot No. 237, HSIIDC Industrial Estate, Alipur, Barwala, Panchkula 134118, Haryana, India - Plot No. 3 & 4, Khasra No. 249, Khewat No. 980 & 977, Near Aryakulam International School, Assandh – Kohand Road, Munak, Karnal, Haryana - 132040

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