

11.05.2022 - 10:07 Uhr

Goldi Solar launches HELOC Pro at Intersolar Europe 2022

10 Years of Making a Difference

GOLDI SOLAR

HELOC Pro | CS10-M10/4-BF (525 Wp - 560 Wp)

- High Saving**
Lower LCOE, reduced BOS cost, shorter payback time
- High Efficiency**
Excellent module conversion efficiency of up to 21.70%
- Low-light Performance**
Advanced glass and cell surface textured design ensure excellent performance in low-light environment
- PID Resistance**
Excellent Anti-PID Performance guarantee limited power degradation for mass production
- IP68 Junction Box**
High waterproof level

INDUSTRY LEADING PROTECTION

- 12 Years Warranty For Materials And Processing
- 25 Years Warranty For Linear Power Output

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 certified facility

BEST IN Grade Quality Class Results

TECHNICAL DATA

Electrical Parameters at STC	Bifacial Mono-crystalline Module							
Module Type	CS10-M10/4-BF							
Capacity rating - (Front/Rear)	525	530	535	540	545	550	555	560
Power tolerance (%)	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2
Module efficiency (%)	20.81	20.93	20.79	20.92	21.52	21.31	21.50	21.70
Rated voltage - Vmp(V)	41.52	41.89	41.80	42.00	42.23	42.04	42.48	
Rated current - Imp(A)	12.77	12.82	12.86	12.82	12.95	13.02	12.88	13.02
Open circuit voltage - Voc(V)	48.62	48.5	48.61	48.81	50.24	50.80	51.13	
Short circuit current - Isc(A)	13.99	13.83	13.82	13.92	13.95	13.99	13.67	

Under Standard Test Conditions (STC) of irradiance 1000W/m², spectrum AM1.5 and cell temperature of 25°C. Except Power, all other parameters have a tolerance of ±0.5%.

PERMISSIBLE OPERATING CONDITIONS

Temperature range	-40°C to +85°C
Maximum system voltage	1000VDC
NOCT	45±2°C
Hot resistance	Max. diameter of 25 mm with velocity 23 m/s

TEMPERATURE COEFFICIENTS (TC)

Temperature Coefficient (Isc)	+0.06%/°C
Temperature Coefficient (Voc)	-0.28%/°C
Temperature Coefficient (Pmp)	-0.30%/°C

PACKAGING CONFIGURATION

Number of Modules per Pallet	30
No. of pallet	20
No. of modules, 40ft HC container	600

IV CURVE **PIV CURVE**

LINEAR GRAPH

MECHANICAL SPECIFICATION

Solar cells	3rd gen mono-crystalline Silicon (PERC) Multi-JB
Encapsulation	Ultra-clear PVD free EVA (Ethylene Vinyl Acetate)
Backsheet	UV protected black backsheet
Frame	Black Anodized Aluminum Alloy
Solar Glass	3.2 mm, High Transmission, AR Coated Tempered Glass
Dimensions	1722.79 mm x 1042.03 mm x 34.0 mm
Weight	~28 Kg
J-Box	IP68 certified, 3 diodes, Split junction box
Series Fuse Rating	25 A
Cable	Solar cable 400 mm length, 4 mm ²
Connectors	MCC compatible connectors
Application Class	Class A
Electrical Safety	Class B
Fire Safety	Class C (Type II)
Surface treat	Snipe leaf (SnO ₂ Pin, Wind load 2x02 Pa)

DRAWING (MEASUREMENTS ARE IN MM)

PRODUCT CERTIFICATIONS

UL, IEC, TÜV, CE, etc.

MANAGEMENT SYSTEM CERTIFICATIONS

ISO 9001, ISO 14001, ISO 45001

UTILITY | INDUSTRIAL | AGRICULTURE | RESIDENTIAL

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Munich (ots) -

Goldi Solar, India headquartered global solar panel manufacturer launched its new product line - HELOC Pro. It features mono-facial and bi-facial panels with the latest M10 wafer size. With a power of 560W, the new panels can be widely used in utility, agriculture, industrial, institutional and rooftop applications. The product was launched at Intersolar Europe 2022 - a three-day solar expo in Munich.

Commenting on the launch, Capt. Ishver Dholakiya, Founder & Managing Director, Goldi Solar, said, "Goldi Solar is known for its quality and committed delivery in the industry. We have been exporting to European countries such as Germany, France, Italy, Greece, Denmark, Croatia and Turkey since 2013. We have just completed our 2.5 GW factory expansion and now have the capacity and capability to serve the European market. We have the necessary compliances for the Europe market."

The panels are available in a silver frame in four variants: white, transparent, black and glass to glass. Higher panel conversion efficiency and lower resistance are characteristic of half-cell structure. The new circuit design with multi-busbar technology prevents current losses. Advanced glass and cell surface textured design ensure excellent performance in a low light environment and reduced hot-spot losses.

Mr. Bharat Bhut, Founder & Director, Goldi Solar, added, "The name HELOC Pro stands for High-Efficiency Low on Carbon. The name is our tribute to a solar-powered, energy-efficient, low-carbon economy. Our manufacturing processes have also been made more efficient, leading to lower carbon emissions. With the new line of panels, we are strengthening our product portfolio and building a strong presence in Europe. We are confident that it will be well received by consumers."

About Goldi Solar:

Goldi Solar is one of the leading Indian solar panel manufacturers, EPC services providers and independent power producers (IPP). Founded in 2011, it is an MNC headquartered in Surat, Gujarat catering to several international brands in 20+ countries. We have two facilities of 2.5 at Pipodara and Navsari in Surat, Gujarat. The company is listed under ALMM (Approved List of Models and Manufacturers) and also has BIS (Bureau of Indian Standards) certification.

Website: <http://www.goldisolar.com/>

LinkedIn page: <https://www.linkedin.com/company/goldi-solar-private-limited/>

Facebook page: <https://www.facebook.com/goldisolar/>

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Medieninhalte



Goldi Solar launched HELOC Pro for Europe at Intersolar Europe. The name stands for High Efficiency Low on Carbon and is a tribute to a solar-powered, energy-efficient, low-carbon economy. The panels are available in a silver frame in four variants: white, transparent, black and glass to glass. / Editorial use of this picture is free of charge. Please quote the source: "obs/Goldi Solar Pvt Ltd"

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