

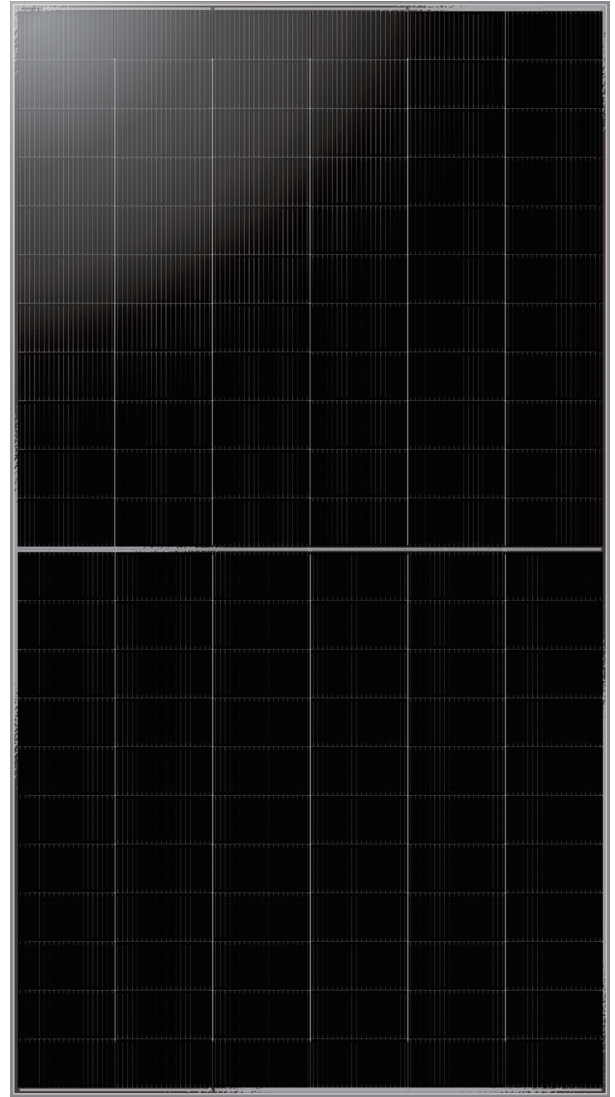
Mountain^{Veil} series

Double Glass BiFacial N-Type TOPCon Solar Module

700~725Watt

Model: UL-***M-132DGN

Maximum Efficiency: **23.34%**



Cutting Free Technology

The half cells are made directly from half silicon wafer, reducing power losses and hidden cracks



Bifacial Mono Module

Capable of generating power at back side, 80±5% efficiency of the front side



Outstanding Mechanical load Resistance

2400 Pa wind load, 5400 Pa snow load



Anti-PID(potential induced degradation)

Passed anti-PID test under 85°C damp heat 85% relative humidity for 192 hours



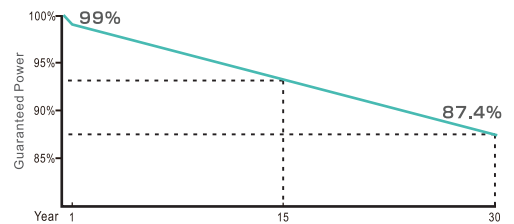
Lower LCOE

Lower shading and resistive loss Lower temperature coefficient



Widely Applied To Various Scenarios

Flexibly applied to roofs, ground surfaces, water surfaces, mountainous areas, and other diverse environments



15 Year Product Warranty **1%** Power Degradation In The First Year

30 Year Linear Power Warranty **0.4%** Linear Power Degradation



CEC Listed



IEC 61215, IEC 61730

ISO 9001: 2015(Quality management systems)

ISO 14001: 2015 (Environmental management systems)

ISO45001: 2018 (Occupational health and safety)

UNI 9177 Ia CLASSE DI REAZIONE AL FUOCO:1



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ELECTRICAL SPECIFICATIONS

Module Type	UL-700M-132DGN		UL-705M-132DGN		UL-710M-132DGN		UL-715M-132DGN		UL-720M-132DGN		UL-725M-132DGN		
	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	
Maximum Power(Pmax)	W	700	530	705	534	710	538	715	542	720	546	725	549
Maximum Power Voltage(Vmp)	V	40.54	37.29	40.69	37.43	40.84	37.57	40.99	37.71	41.20	37.90	41.30	38.00
Maximum Power Current(Imp)	A	17.27	14.22	17.33	14.27	17.38	14.32	17.44	14.37	17.48	14.39	17.55	14.46
Open-circuit Current(Voc)	V	48.62	44.24	48.72	44.34	48.82	44.43	48.93	44.53	48.98	44.57	49.03	44.62
Short-circuit Current(Isc)	A	18.32	14.78	18.36	14.81	18.40	14.84	18.42	14.86	18.44	14.87	18.50	14.92
Module Efficiency STC	%	22.53		22.70		22.86		23.02		23.18		23.34	

*STC: Cell temperature: 25°C, Irradiance: 1000W/m², Air mass: 1.5G, Power measurement tolerance: ±3%
 *NOCT: Air temperature: 20°C, Irradiance: 1000W/m², Air mass: 1.5G, Wind speed: 1m/s

OPERATING PARAMETERS

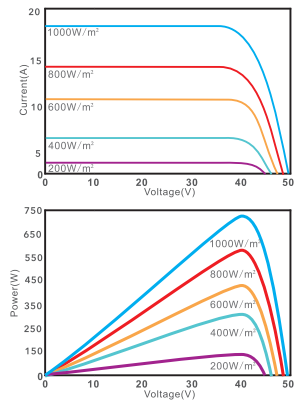
Operating Temperature	-40°C~85°C
Maximum system voltage	DC1500V(IEC)
Maximum series fuse rating	35A
Nominal operating cell temperature	43±2°C
Power tolerance	0~+5Watt

TEMPERATURE RATINGS

Temperature coefficients of Pmax	-0.29%/°C
Temperature coefficients of Voc	-0.25%/°C
Temperature coefficients of Isc	0.046%/°C

I-V CURVE

I-V characteristics at different irradiances (reference to 720 W)

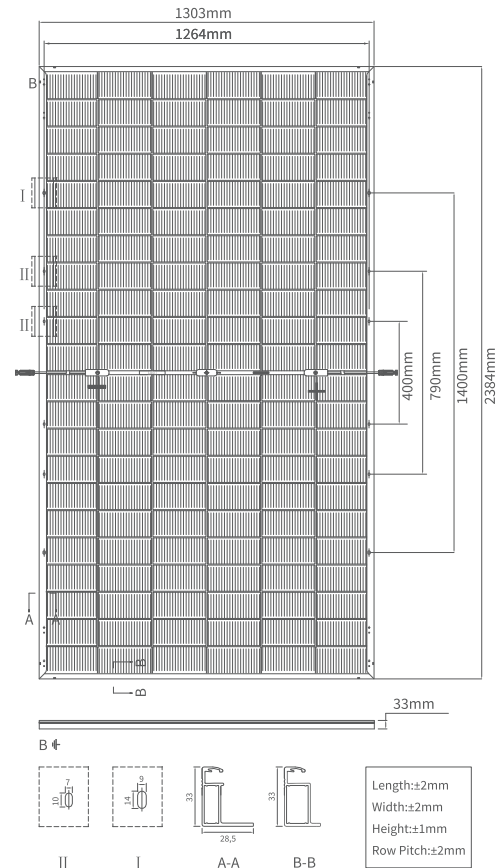


REAR SIDE POWER GAIN(REFERENCE TO 720W FRONT SIDE)

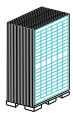
Pmax/W	720	756	792	828	864	900	936
Pmax gain	0%	5%	10%	15%	20%	25%	30%
Voc/V	48.98	48.98	48.98	48.98	48.98	48.98	48.98
Isc/A	18.44	19.36	20.28	21.21	22.13	23.05	23.97
Vmp/V	41.20	41.20	41.20	41.20	41.20	41.20	41.20
Imp/A	17.48	18.35	19.23	20.10	20.98	21.85	22.72

SPECIFICATIONS

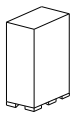
Cell Type	N-type TOPCon Mono Half Cell
No. of cells	132(6×11×2)
Dimensions	2384*1303*33mm
Weight	37.1kg
Front Glass	2.0mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Back Glass	2.0mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 diodes
Connector	<input type="radio"/> MC4 Compatible: PV-UL608 or <input type="radio"/> Original: MC4-EVO2 or <input type="radio"/> others _____
Cable Length (Including Connector)	<input type="radio"/> Short Cable: (+)400/(-)200mm or <input type="radio"/> Long Cable: (+)1400/(-)1400mm or <input type="radio"/> Customized Length _____



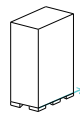
PACKAGING INFORMATION



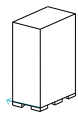
33 Pcs/Pallet



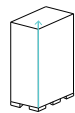
33 Pcs/Stack



Length: 1320mm



Width: 1130mm



Height: 2416mm



Weight: 1260kg/Stack



18 Stack/40HQ
594Pcs/40HQ



II



I



A-A



B-B

Length: ±2mm
Width: ±2mm
Height: ±1mm
Row Pitch: ±2mm



Specifications included in this datasheet are subject to change without notice.

Ulica Solar reserves the right of final interpretation.

Version number: UL-2384-132DGNB-33-EN-V3.0