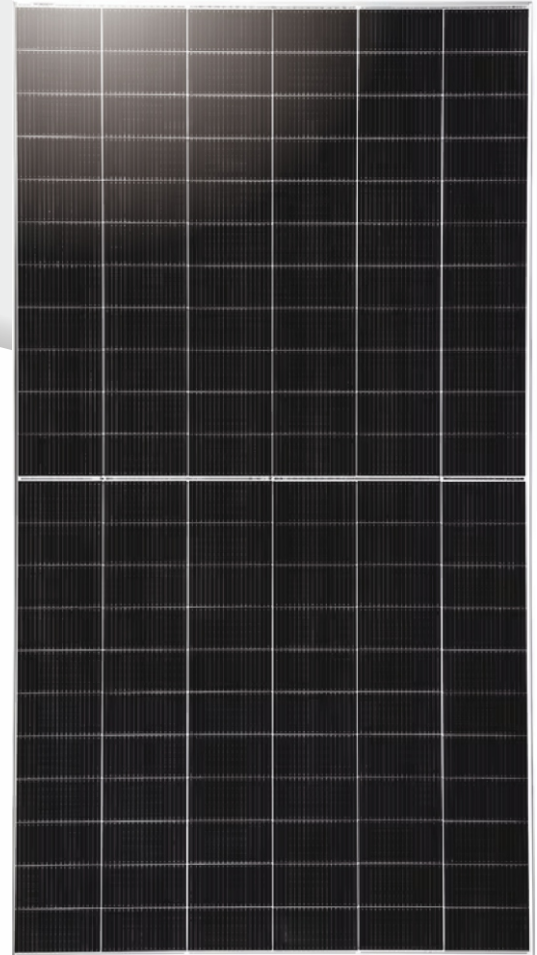
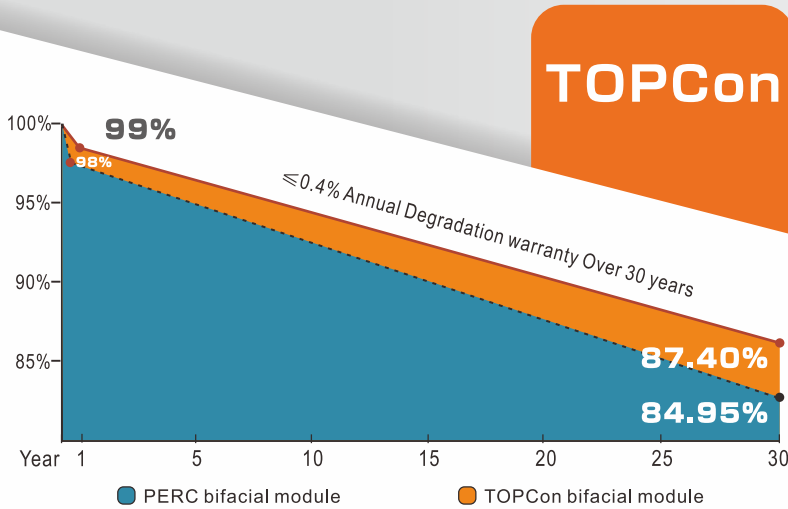


DOUBLE-GLASS BIFACIAL N-TYPE 700~715 Watt



Cutting Free Technology
Minimized micro-crack



Bifacial Mono Module
Capable of generating power at back side, at least 80% efficiency of the front side



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



Outstanding mechanical load resistance
2400 Pa wind load, 5400 Pa snow load



15 15-year product warranty
30 30-year linear power output



CEC Listed



IEC 61215, IEC 61730

ISO 9001: 2015 (Quality management systems)

ISO 14001: 2015 (Environmental management systems)

ISO 45001: 2018 (Occupational health and safety)

UNI 9177 Ia CLASSE DI REAZIONE AL FUOCO: 1



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TOPCon(N TYPE) 700~715Watt

ELECTRICAL SPECIFICATIONS

Module Type	UL-700M-132DGN		UL-705M-132DGN		UL-710M-132DGN		UL-715M-132DGN		
	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	
Maximum Power (Pmax)	W	700	530	705	534	710	538	715	542
Maximum Power Voltage (Vmp)	V	40.54	37.29	40.69	37.43	40.84	37.57	40.99	37.71
Maximum Power Current (Imp)	A	17.27	14.22	17.33	14.27	17.38	14.32	17.44	14.37
Open-circuit Voltage (Voc)	V	48.62	44.24	48.72	44.34	48.82	44.43	48.93	44.53
Short-circuit Current (Isc)	A	18.32	14.78	18.36	14.81	18.40	14.84	18.42	14.86
Module Efficiency STC	%	22.53		22.70		22.86		23.02	
Operating Temperature	-40°C~85°C								
Maximum system voltage	DC1500V(IEC)								
Maximum series fuse rating	35A								
Power tolerance	0~+5Watt								
Temperature coefficients of Pmax	-0.29%/°C								
Temperature coefficients of Voc	-0.25%/°C								
Temperature coefficients of Isc	0.046%/°C								
Nominal operating cell temperature (NOCT)	43±2°C								

*STC : Cell temperature: 25°C, Irradiance: 1000 W/m², Air mass: 1.5G

*NOCT : Air temperature: 20°C, Irradiance: 800 W/m², Air mass: 1.5G, Wind speed: 1 m/s

SPECIFICATIONS

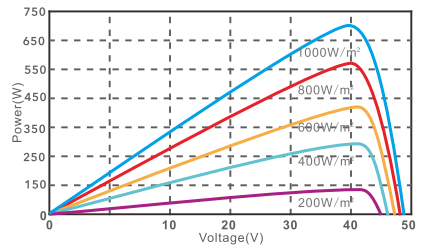
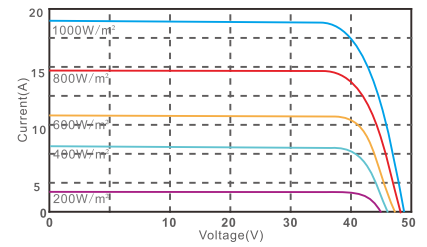
Cell Type	N type Mono-crystalline		
No. of cells	132(6×11×2)		
Dimensions	2384*1303*33mm		
Weight	37.4kg		
Glass	2.0mm+2.0mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass		
Junction Box	IP68, 3 diodes		
Connector	MC4 Compatible		
Cable Length (Including Connector)	4mm ² Landscape: (+) 1400mm/(-) 1400mm or Customized Length		
Packaging Configuration	33pcs/Pallet, 594pcs/40HQ Container		

Electrical characteristics with different rear side power gain (reference to 700 W front)

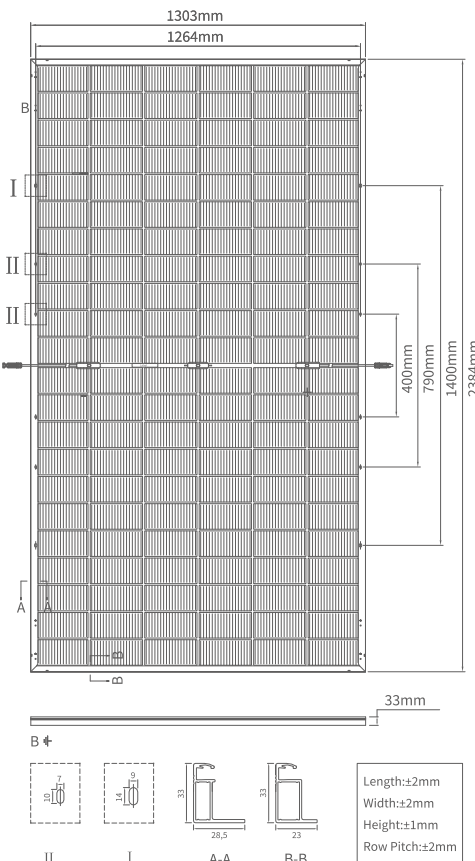
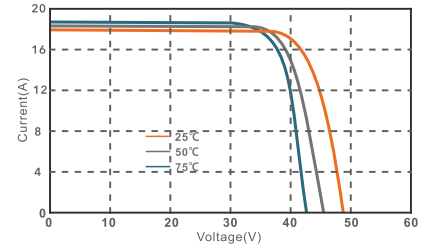
Pmax/W	Voc/V	Isc/A	Vmp/V	Imp/A	Pmax gain
700	48.62	18.32	40.54	17.27	0%
735	48.62	19.24	40.54	18.13	5%
770	48.62	20.15	40.54	19.00	10%
805	48.62	21.07	40.54	19.86	15%
840	48.62	21.98	40.54	20.72	20%
875	48.62	22.90	40.54	21.59	25%
910	48.62	23.82	40.54	22.45	30%

I-V CURVE

I-V characteristics at different irradiances (reference to 700 W)



I-V characteristics at different temperature



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

Ulica Solar reserves the right of final interpretation.

Version No.: UL-2384-132DGNBCC-33-EN-V1.0