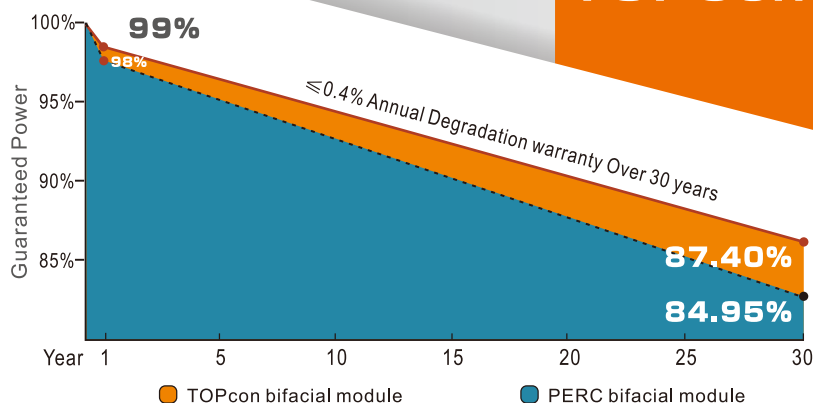


DOUBLE-GLASS BIFACIAL N-TYPE 700~715 Watt

TOPCon



Cutting Free Technology
Minimized micro-crack



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



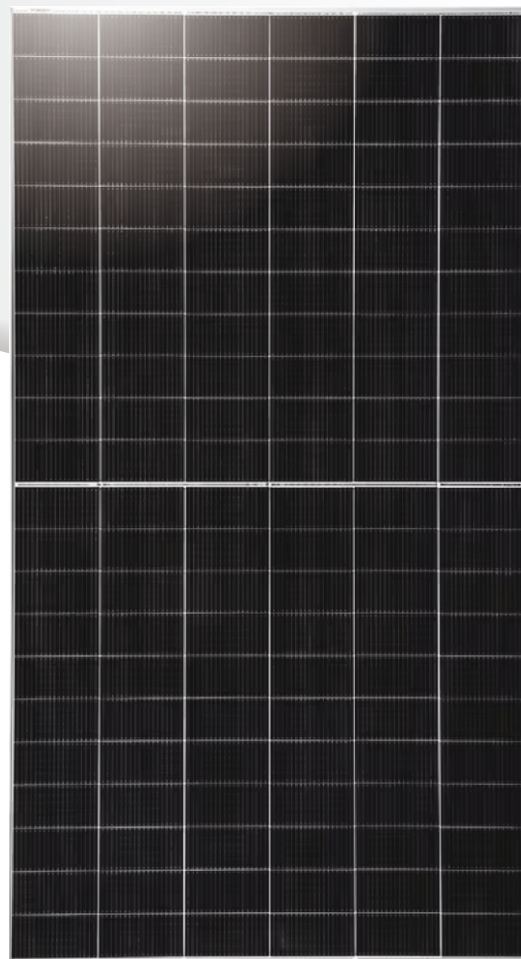
Anti-PID (potential induced degradation)
Passed anti-PID test under 85°C damp heat 85% relative humidity for 192 hours



Lower LCOE
Lower shading and resistive loss
Lower temperature coefficient



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



15-year product warranty
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

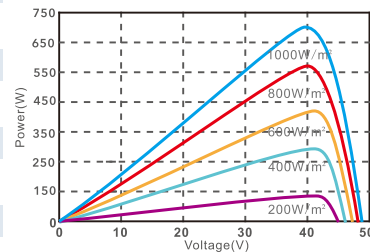
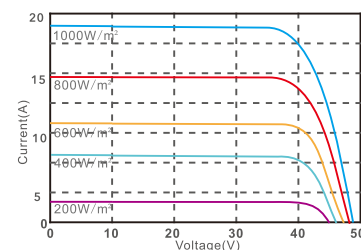
Module Type	UL-700M-132DGN		UL-705M-132DGN		UL-710M-132DGN		UL-715M-132DGN	
	STC* NOCT*		STC* NOCT*		STC* NOCT*		STC* NOCT*	
Maximum Power (Pmax)	W	700 530	705 534	710 538	715 542			
Maximum Power Voltage (Vmp)	V	40.54 37.29	40.69 37.43	40.84 37.57	40.99 37.71			
Maximum Power Current (Imp)	A	17.27 14.22	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

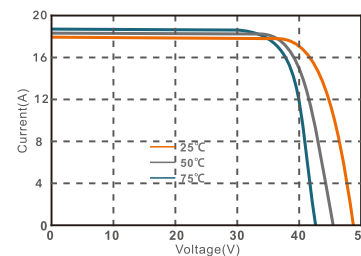
*NOCT : Air temperature: 20°C, Irradiance: 800 W/m², Air mass: 1.5G, Wind speed: 1 m/s

I-V CURVE

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



I-V characteristics at different temperature

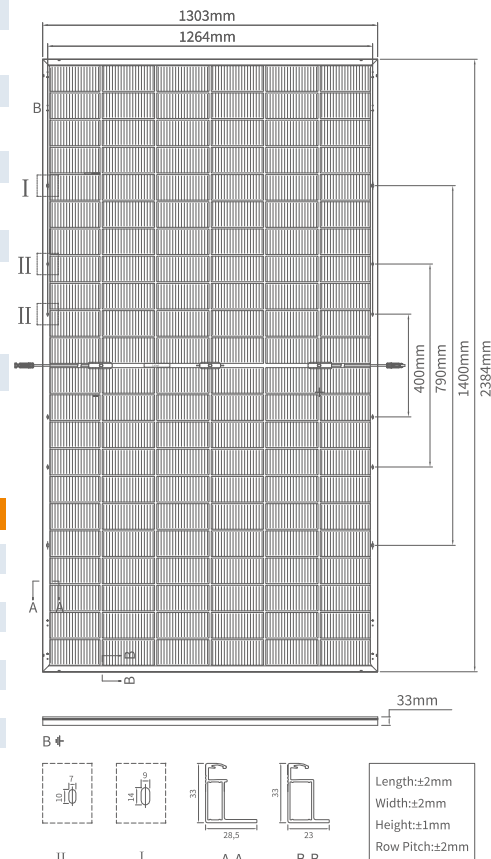


SPECIFICATIONS

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)	4mm² 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%



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

Ulica Solar reserves the right of final interpretation.

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