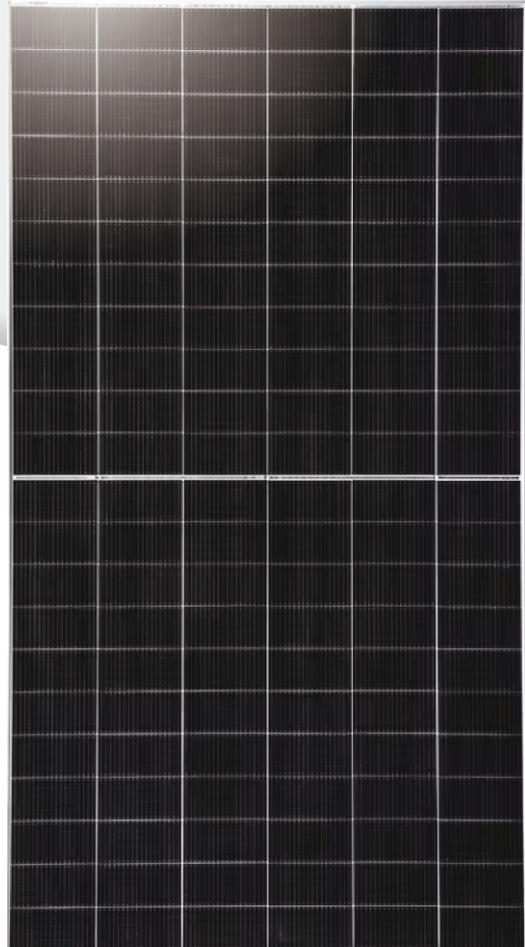
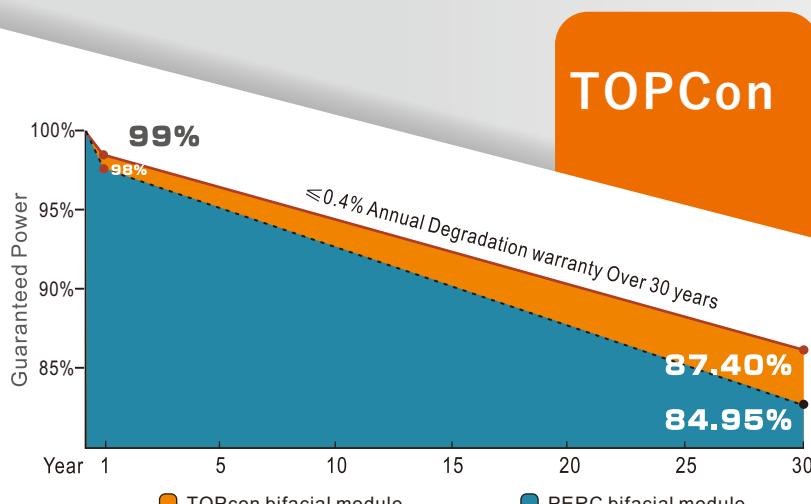


# DOUBLE-GLASS BIFACIAL N-TYPE 700~715 Watt



**Cutting Free Technology**  
Minimized micro-crack



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



**PID FREE**  
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**  
5400 Pa wind load, 5400 Pa snow load



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



ISO 90001:2016 - Quality management systems  
ISO 14001:2016 - Environmental management systems  
ISO 45001:2019 - Occupational health and safety  
ISO 50001:2019 - Energy management system  
Certificate of Origin



# TOPCon(N TYPE) 700~715Watt

## ELECTRICAL SPECIFICATIONS

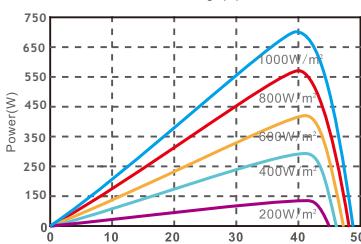
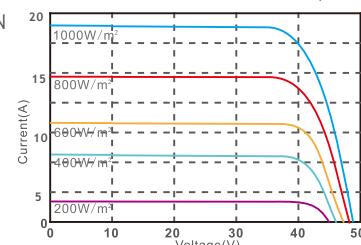
Module Type	UL-700M-132DGN		UL-705M-132DGN		UL-710M-132DGN		UL-715M-132DGN		
	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	
Maximum Power (Pmax)	W	700	530	705	534	710	538	715	542
Maximum Power Voltage (Vmp)	V	40.54	37.29	40.69	37.43	40.84	37.57	40.99	37.71
Maximum Power Current (Imp)	A	17.27	14.22	17.33	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/m<sup>2</sup>, Air mass: 1.5G

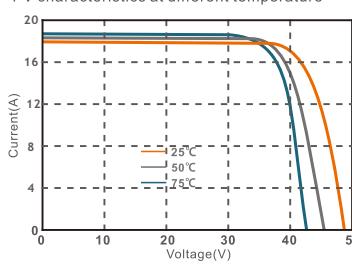
\*NOCT: Air temperature: 20°C, Irradiance: 800 W/m<sup>2</sup>, Air mass: 1.5G, Wind speed: 1 m/s

## I-V CURVE

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

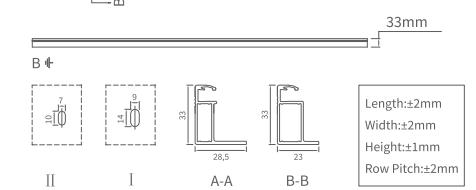
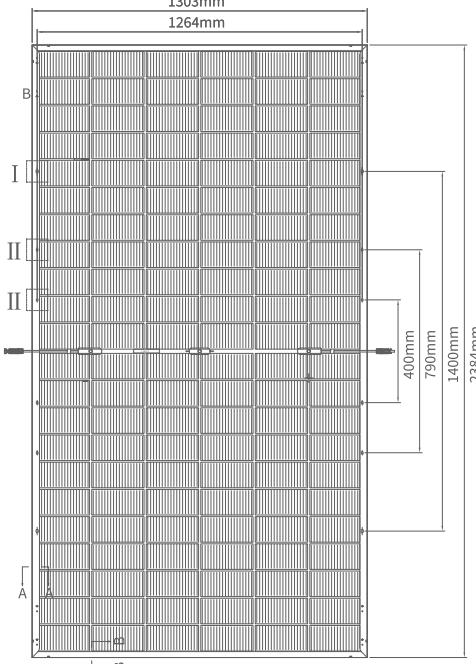


I-V characteristics at different temperature



## SPECIFICATIONS

Cell Type	N type Mono-crystalline	
No. of cells	132(6×11×2)	
Dimensions	2384*1303*33mm	
Weight	37.1kg	
Glass	2.0mm+2.0mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass	
Junction Box	IP68, 3diodes	
Connector	MC4 Compatible	
Cable Length (Including Connector)	4mm <sup>2</sup> Portrait:(+)400mm/(-)200mm or Customized Length	
Packaging Configuration	33pcs/Pallet, 594pcs/40HQ Container	



## Electrical characteristics with different rear side power gain(reference to 700W 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%

