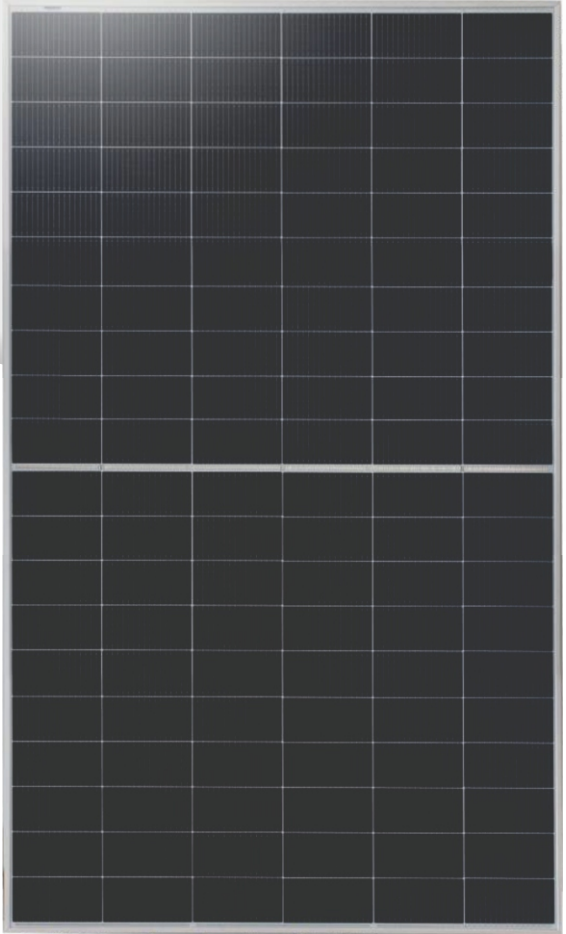
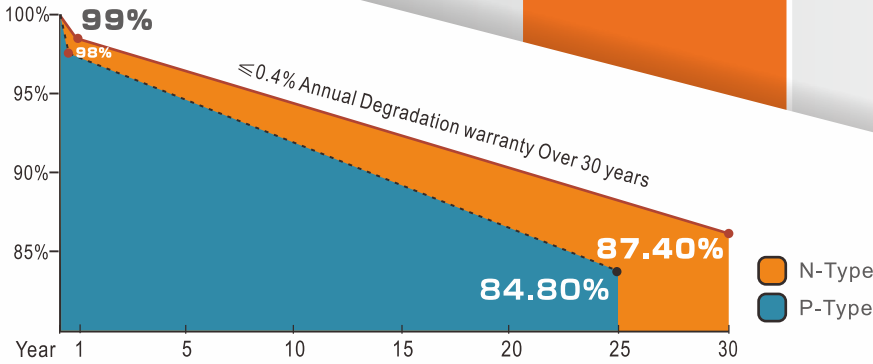


# MONO-FACIAL MODULE N-TYPE 495~505 Watt



**TOPCon**



**Cutting Free Technology**  
Minimized micro-crack



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



**Great Durability against extreme conditions**  
Passed salt mist corrosion test, ammonia corrosion test  
dust & sand test, fire test, all certified by TUV



**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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Web: www.ulicasolar.com

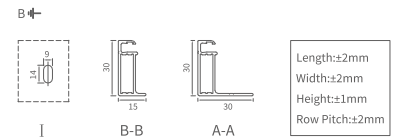
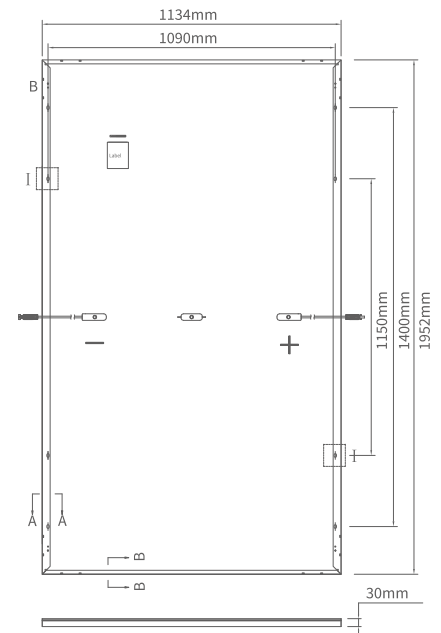
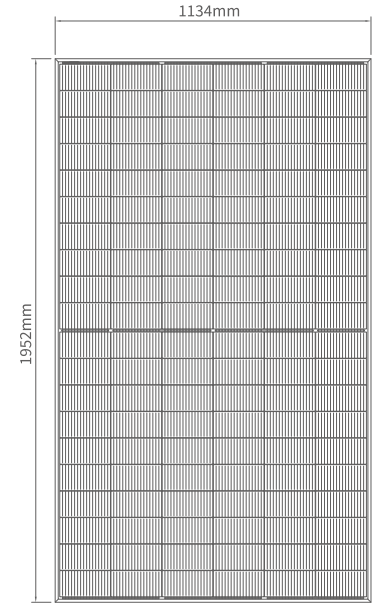
# TOPCon(N TYPE) 495~505Watt

## ELECTRICAL SPECIFICATIONS

Module Type		UL-495M-120BHVN		UL-500M-120BHVN		UL-505M-120BHVN	
		STC*	NOCT*	STC*	NOCT*	STC*	NOCT*
Maximum Power (Pmax)	W	495	375	500	379	505	383
Maximum Power Voltage (Vmp)	V	36.85	33.90	37.02	34.06	37.18	34.21
Maximum Power Current (Imp)	A	13.43	11.06	13.51	11.13	13.58	11.19
Open-circuit Voltage (Voc)	V	43.52	39.60	43.78	39.84	43.98	40.02
Short-circuit Current (Isc)	A	14.43	11.64	14.48	11.68	14.54	11.73
Module Efficiency STC	%	22.36		22.59		22.81	
Operating Temperature		-40°C~85°C					
Maximum system voltage		DC1500V(IEC)					
Maximum series fuse rating		25A					
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

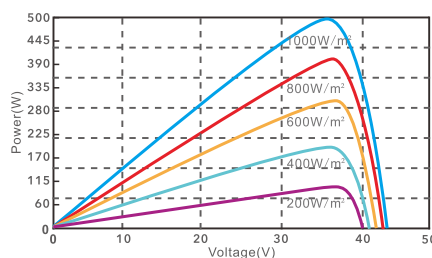
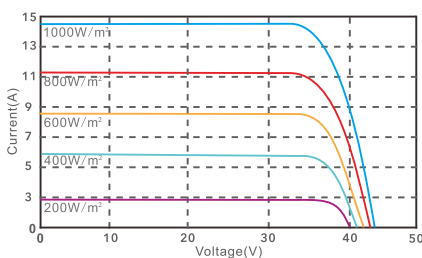


## SPECIFICATIONS

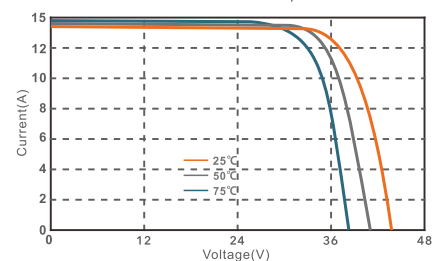
Cell Type	N type Mono-crystalline
No. of cells	120(6×10×2)
Dimensions	1952*1134*30mm
Weight	22.5kg
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Junction Box	IP68, 3 diodes
Connector	MC4 Compatible
Cable Length (Including Connector)	4mm² Landscape: (+)1200/(-)1200mm or Customized Length
Packaging Configuration	Two Box=One Pallet 36pcs/Box, 72pcs/Pallet, 864pcs/40HQ Container

## I-V CURVE [500W]

I-V characteristics at different irradiances (reference to 500 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.

UL-1952-120BHVNBBC-30-EN-V1.0