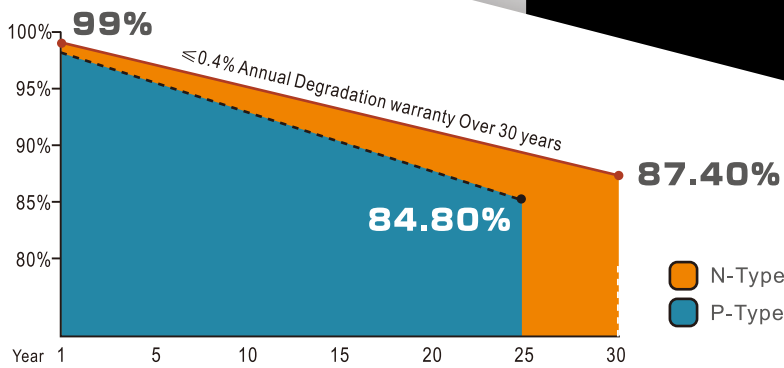
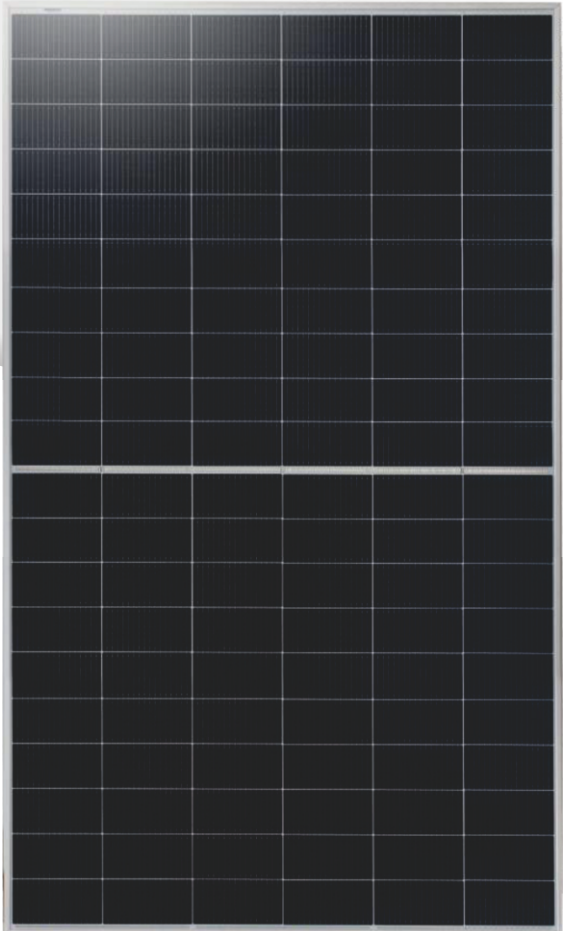


MONO-FACIAL MODULE N-TYPE 495~505 Watt



Cutting Free Technology
Minimized micro-crack



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



Higher Power Output
Lower shading and resistive loss



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



15-year product warranty
30-year linear power output

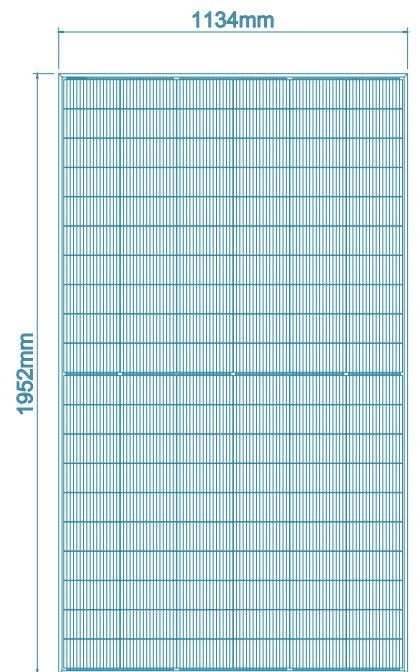


IEC 61215, IEC 61730
ISO 9001: 2015 (Quality management systems)
ISO 14001: 2015 (Environmental management systems)
ISO 45001: 2018 (Occupational health and safety)
UNI 9177 Ia CLASSE DI REAZIONE AL FUOCO:1

TOPCon(N TYPE) 495~505Watt

ELECTRICAL SPECIFICATIONS

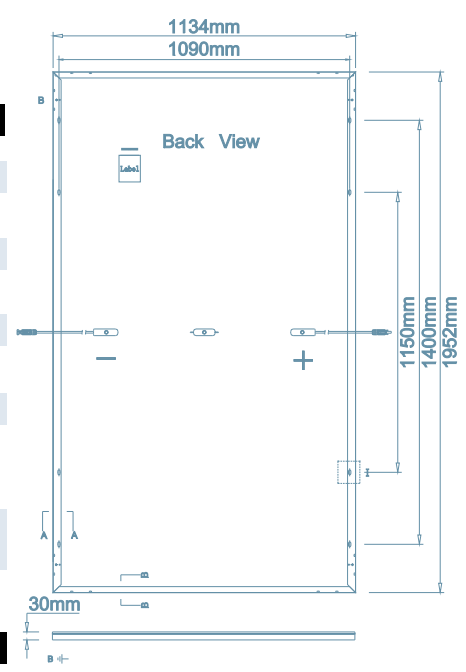
Module Type	UL-495M-120BHVN		UL-500M-120BHVN		UL-505M-120BHVN		
	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	
Maximum Power (Pmax)	W	495	375	500	379	505	383
Maximum Power Voltage (Vmp)	V	36.85	33.90	37.02	34.06	37.18	34.21
Maximum Power Current (Imp)	A	13.43	11.06	13.51	11.13	13.58	11.19
Open-circuit Voltage (Voc)	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, 3diodes
Connector	MC4 Compatible
Cable Length (Including Connector)	4m Portrait:(+400/(-)200mm) Landscape:(+1200/(-)1200mm)
Packaging Configuration	Two Box=One Pallet 36pcs/Box, 72pcs/Pallet, 864pcs/40HQ Container



I-V CURVE[500W]

