

P-Type Perc

Singe Glass Mono-Facial TOPCon Solar Module

530~555W

Model: UL-***M-144HV

Maximum Efficiency: **21.48%**



Outstanding Mechanical load Resistance

2400 Pa wind load, 5400 Pa snow load



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



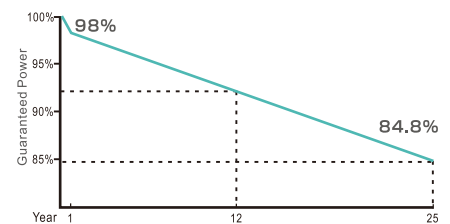
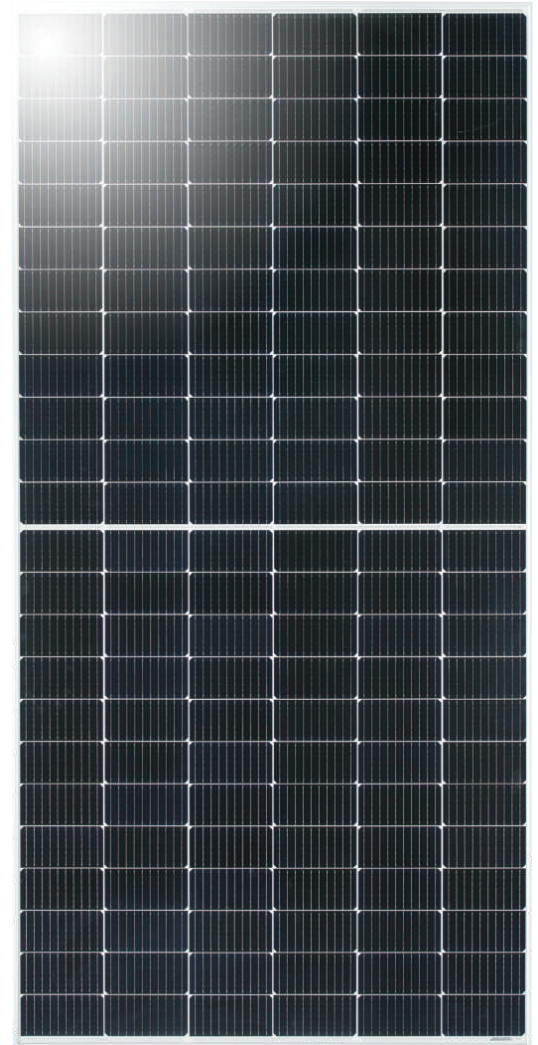
Anti-PID(Potential induced degradation)

Passed anti-PID test under 85°C damp heat 85% relative humidity for 96 hours



Full-Scenario Resilience

Proven through rigorous resistance tests for salt mist, ammonia corrosion, sand & dust



12 Year Product Warranty **2%** Power Degradation In the first Year

25 Year Linear Power Warranty **0.55%** Linear Power Degradation

IEC 61215, IEC 61730

ISO 9001: 2015 (Quality management systems)

ISO 14001: 2015 (Environmental management systems)

ISO 45001: 2018 (Occupational health and safety)

EN 13501-1 & EN 13501-5 (Fire Test)



CEC Listed



Ulica Official Website

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Module Type	UL-530M-144HV				UL-535M-144HV		UL-540M-144HV		UL-545M-144HV		UL-550M-144HV		UL-555M-144HV					
		STC*	NOCT*		STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*				
Maximum Power(Pmax)	W	530	397		535	436		540	440		545	408		550	412		555	416
Maximum Power Voltage(Vmp)	V	41.50	38.18		41.60	38.27		41.70	38.36		41.80	38.46		41.90	38.55		42.00	38.64
Maximum Power Current(Imp)	A	12.77	10.39		12.86	10.47		12.95	10.54		13.04	10.61		13.13	10.68		13.21	10.76
Open-circuit Voltage(Voc)	V	49.60	45.14		49.70	45.23		49.80	45.32		49.90	45.41		50.00	45.50		50.10	45.59
Short-circuit Current(Isc)	A	13.47	10.87		13.54	10.93		13.60	10.98		13.65	11.02		13.75	11.10		13.83	11.16
Module Efficiency STC	%	20.51			20.70			20.89			21.09			21.28			21.48	

Operating Temperature	-40°C~85°C
Maximum system voltage	DC 1500V(IEC)
Maximum series fuse rating	25A
Nominal operating cell temperature	43±2°C
Power tolerance	0~+5Watt

Temperature coefficient of Pmax	-0.34%/°C
Temperature coefficient of Voc	-0.265%/°C
Temperature coefficient of Isc	0.049%/°C

Cell Type	N-type TOPCon Mono Half Cell	
No.of cells	144(6×12×2)	
Dimensions	2278*1134*30mm	
Weight	26.3kg	
Front Glass	3.2mm,Anti-Reflection Coating,High Transmission,Low Iron,Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP68,3 diodes	
Connector	MC4 Compatible or or others	Original:MC4-EVO2A _____
Cable Length (Including Connector)	Short Cable: (+)400/(-)200mm or or Customized Length	4mm ² Long Cable:(+)1400/(-)1400mm _____

Technical drawing of the front view of a rectangular box. The overall dimensions are 1134mm in width and 2278mm in height. The drawing includes several labels and dimensions:

- Top width: 1134mm
- Top width (inner): 1094mm
- Right height: 2278mm
- Right height segments: 400mm, 790mm, 1400mm
- Bottom right corner: 30mm
- Labels: "Label" (two locations), "A" (two locations), "B" (two locations), and a "+" symbol.

