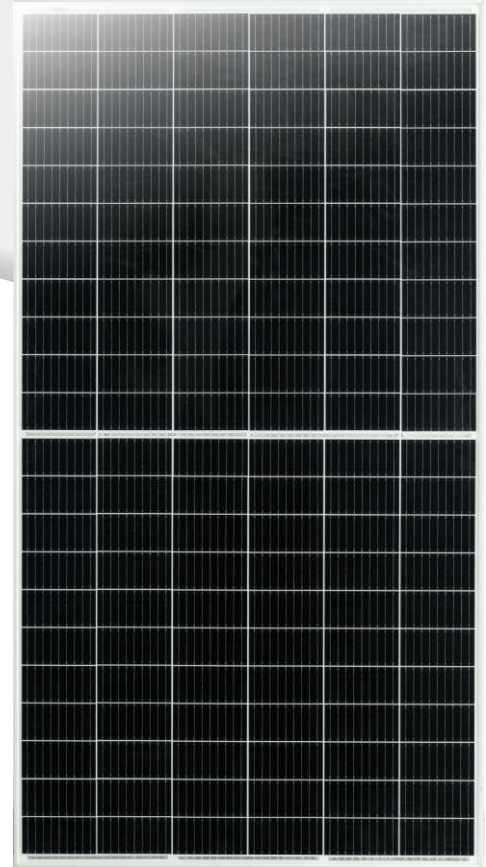
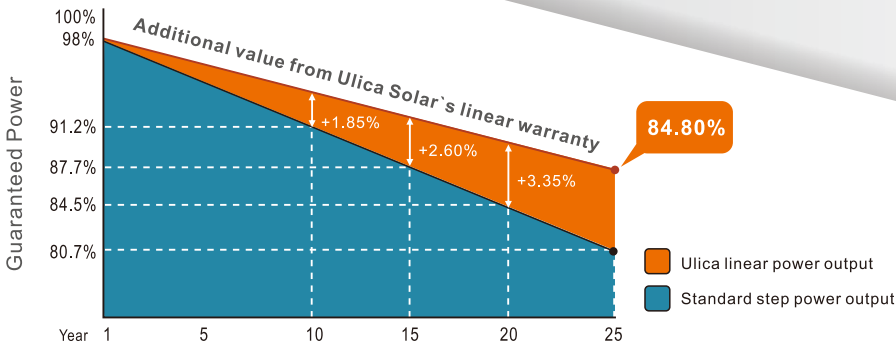


# MONO HALF-CUT MODULE

## UL-655 | 660 | 665 | 670M-132HV



**Lower LCOE**  
 Lower shading and resistive loss  
 Lower temperature coefficient



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



**Anti-PID (potential induced degradation)**  
 Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours



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

**12** year product warranty

**25** year linear power warranty



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 la CLASSE DI REAZIONE AL FUOCO:1

Add: No.238 Yunlin Middle Road, Wangchun Industrial District, Ningbo, China

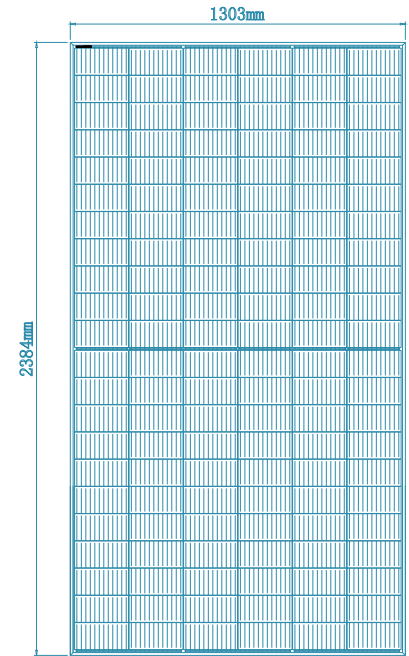
Tel: +86-574-28828939 | Fax: +86-574-28828997 | Email: sales@ulsolar.com.cn | Web: www.ulicasolar.com

# mono 655~670Watt



## ELECTRICAL SPECIFICATIONS

Module Type	UL-655M-132HV		UL-660M-132HV		UL-665M-132HV		UL-670M-132HV		
	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	
Maximum Power (Pmax)	W	655	496	660	500	665	504	670	508
Maximum Power Voltage (Vmp)	V	38.10	35.05	38.20	35.14	38.30	35.24	38.40	35.33
Maximum Power Current (Imp)	A	17.19	14.16	17.28	14.23	17.36	14.30	17.45	14.37
Open-circuit Voltage (Voc)	V	45.60	41.50	45.70	41.59	45.80	41.68	45.80	41.77
Short-circuit Current (Isc)	A	18.35	14.80	18.44	14.87	18.53	14.95	18.62	15.02
Module Efficiency STC	%	21.09		21.25		21.41		21.57	
Operating Temperature	-40°C~85°C								
Maximum system voltage	DC1500V(IEC)								
Maximum series fuse rating	35A								
Power tolerance	0~+5Watt								
Temperature coefficients of Pmax	-0.34%/°C								
Temperature coefficients of Voc	-0.265%/°C								
Temperature coefficients of Isc	0.049%/°C								
Nominal operating cell temperature (NOCT)	43±2°C								

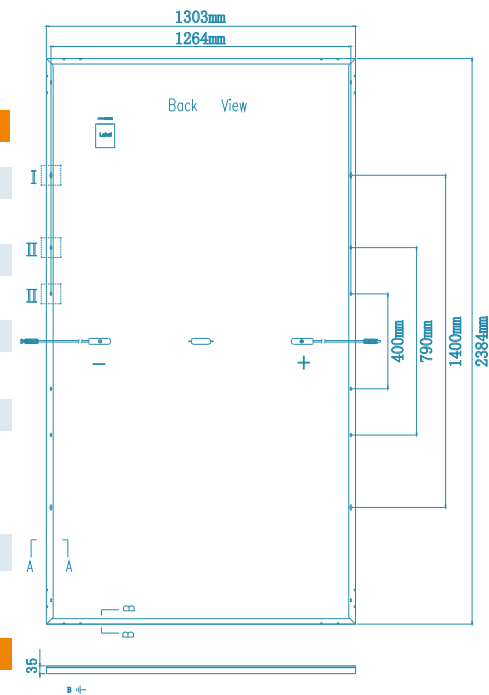


\*STC : Cell temperature: 25°C, Irradiance: 1000 W/m², Air mass: 1.5G

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

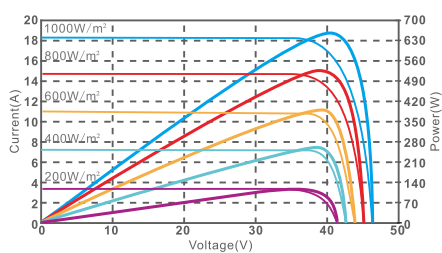
## SPECIFICATIONS

Cell Type	Mono-crystalline
No. of cells	132(6×11×2)
Dimensions	2384*1303*35mm
Weight	33.3kg
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)	4m <sup>2</sup> Portrait: (+)400/(-)200mm Landscape: (+)1400/(-)1400mm
Packaging Configuration	31pcs/Pallet, 558pcs/40HQ Container



## I-V CURVE[660W]

I-V characteristics at different irradiances



I-V characteristics at different temperature

