

### KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 11 busbar solar cell



Strictly control the micro-crack of solar cells and the other non visible defect of internal modules



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Manufactured according to and certified international I Quality and Environment Management System



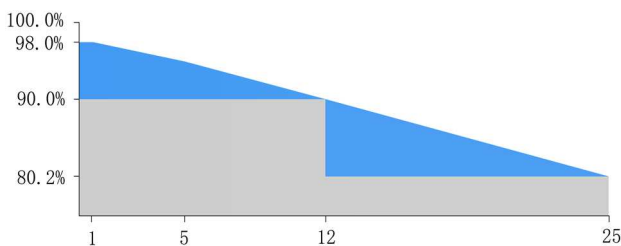
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

### CERTIFICATE

- IEC61215, IEC61730, CQC, CE, TUV
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018



25 Years Power Output Warranty



### WARRANTY

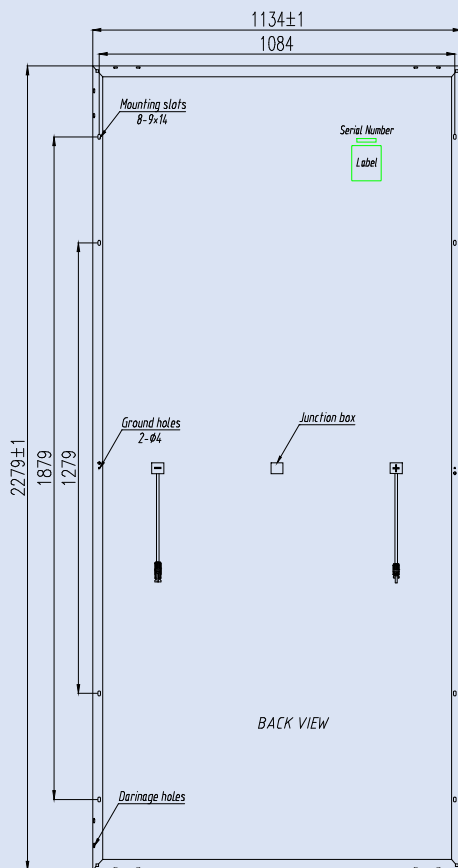
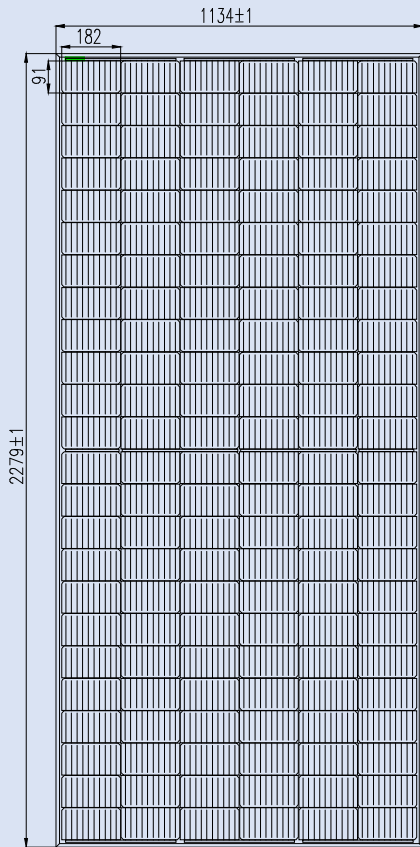


Linear power output warranty  
 -12 years minimum 90.0% power output  
 -25 years minimum 80.2% power output

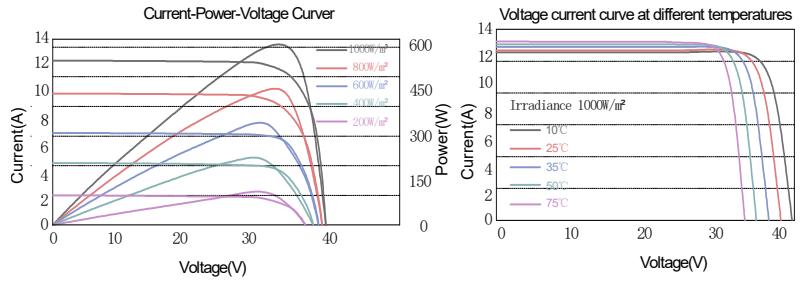


Product warranty on materials and workmanship  
 According to the applicable UKE Solar  
 Limited Warranty Statement





## IV-CURVES



## ELECTRICAL CHARACTERISTICS

Model	UKE535M10-72H	UKE540M10-72H	UKE545M10-72H	UKE550M10-72H
Maximum Power at STC(Pmax)	535W	540W	545W	550W
Optimum Operating Voltage (Vmp)	41.51V	41.67V	41.83V	41.99V
Optimum Operating Current (Imp)	12.89A	12.96A	13.03A	13.10A
Open-Circuit Voltage (Voc)	49.36V	49.52V	49.68V	49.84V
Short-Circuit Current (Isc)	13.77A	13.84A	13.91A	13.98A
Solar Module Efficiency (%)	20.7	20.9	21.1	21.3
Operating Temperature	-40to85°C			
Maximum System Voltage	DC1500V			
Maximum Series Fuse Rating	25A			
Power Tolerance	0~+3%			
STC:Irradiance 1000W/m², Modules Temperature 25°C, AM=1.5				

## MECHANICAL CHARACTERISTICS

NOCT	43±2°C
Temperature Coefficient of Pmax	-0.35%/°C
Temperature Coefficient of VOC	-0.28%/°C
Temperature Coefficient of ISC	+0.048%/°C

## TEMPERATURE COEFFICIENTS

No.of cells	Mono PERC 182mm 144(6×12+6×12)
Dimensions	2279mm*1134mm*35mm
Weight	27.5kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm², 0.3m
Packing Specification	31 pcs/Pallet, 155 pcs/ 20'GP; 620 pcs/ 40'HQ;

