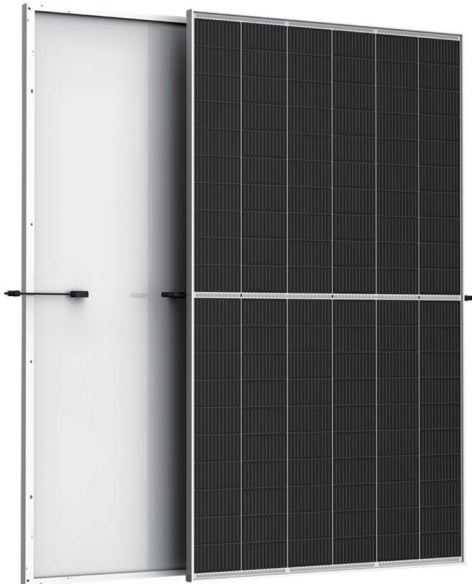


KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature coefficient caused by 12 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



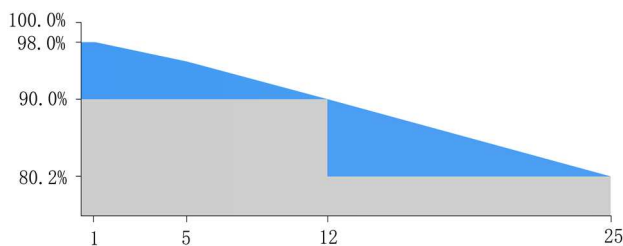
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

CERTIFICATE

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



25 Years Power Output Warranty



WARRANTY

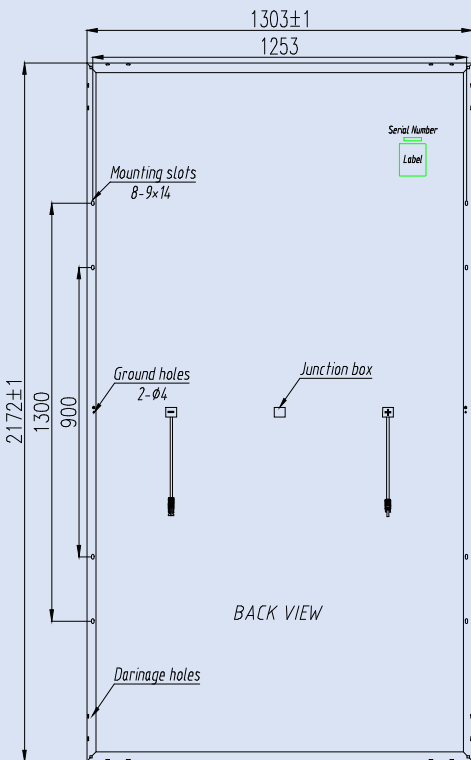
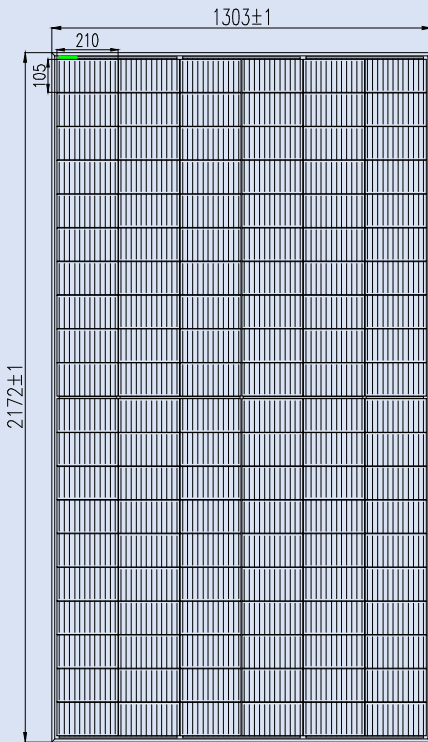


Linear power output warranty
 -12 years minimum 90.0% power output
 -25 years minimum 80.2% power output

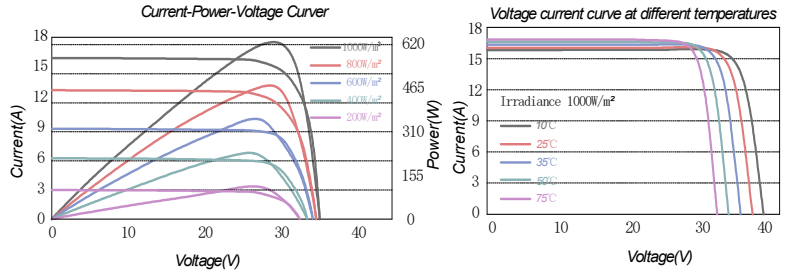


Product warranty on materials and workmanship
 According to the applicable UKE Solar
 Limited Warranty Statement





IV-CURVES



ELECTRICAL CHARACTERISTICS

Model	UKE590M12-60H	UKE595M12-60H	UKE600M12-60H	UKE605M12-60H
Maximum Power at STC(Pmax)	590W	595W	600W	605W
Optimum Operating Voltage (Vmp)	34.41V	34.56V	34.73V	34.88V
Optimum Operating Current (Imp)	17.15A	17.22A	17.28A	17.35A
Open-Circuit Voltage (Voc)	41.32V	41.48V	41.64V	41.80V
Short-Circuit Current (Isc)	18.31A	18.39A	18.47A	18.55A
Solar Module Efficiency (%)	20.84	21.02	21.20	21.37
Operating Temperature	-40to85°C			
Maximum System Voltage	DC1500V			
Maximum Series Fuse Rating	30A			
Power Tolerance	0~+3%			
STC:Irradiance 1000W/m², Modules Temperature 25°C, AM=1.5				

MECHANICAL CHARACTERISTICS

NOCT	45±2°C
Temperature Coefficient of Pmax	-0.354%/°C
Temperature Coefficient of VOC	-0.266%/°C
Temperature Coefficient of ISC	+0.046%/°C

TEMPERATURE COEFFICIENTS

No.of cells	Mono PERC 210mm 120(6×10+6×10)
Dimensions	2172mm*1303mm*35mm
Weight	31.0kg
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, 558 pcs/ 40'HQ;

