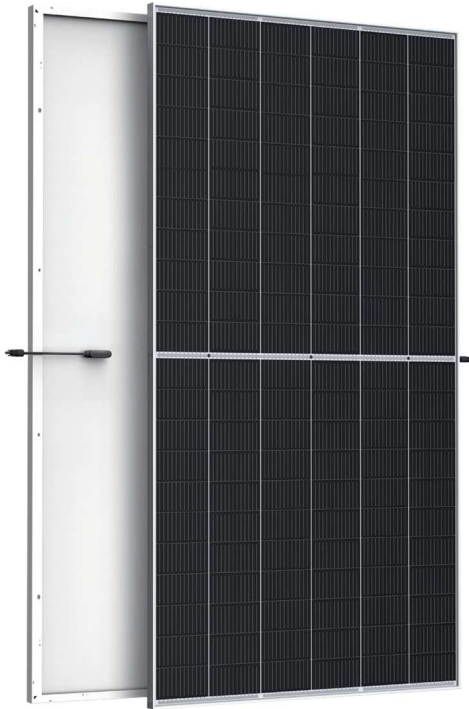


KEY FEATURES



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



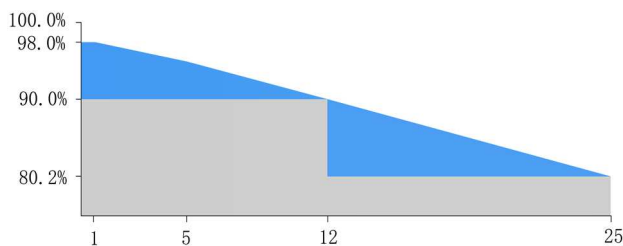
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

CERTIFICATE

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



25 Years Power Output Warranty



WARRANTY

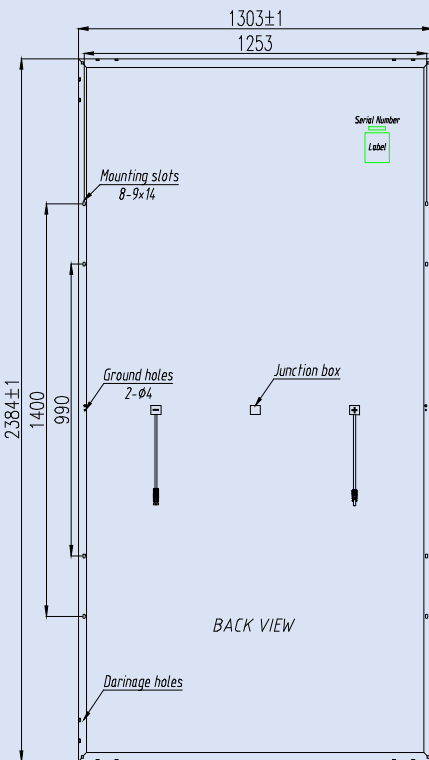
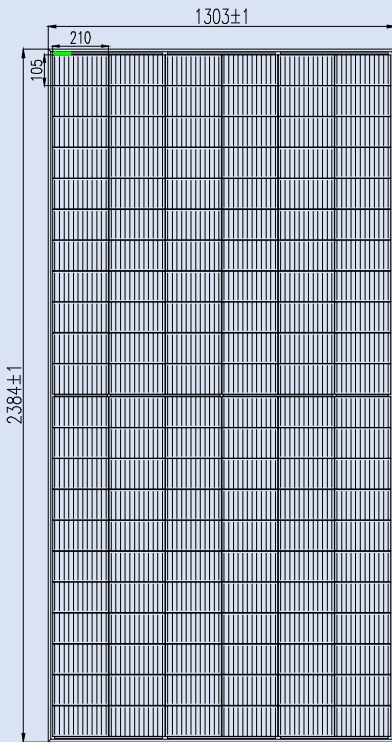


Linear power output warranty
-12 years minimum 90.0% power output
-25 years minimum 80.2% power output

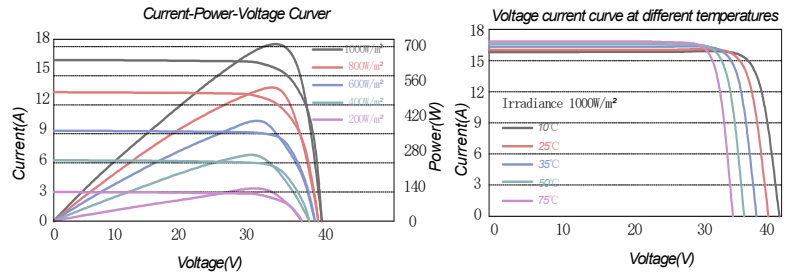


Product warranty on materials and workmanship
According to the applicable UKE Solar
Limited Warranty Statement





IV-CURVES



ELECTRICAL CHARACTERISTICS

Model	UKE645M12-66H	UKE650M12-66H	UKE655M12-66H	UKE660M12-66H
Maximum Power at STC(Pmax)	645W	650W	655W	660W
Optimum Operating Voltage (Vmp)	37.52V	37.75V	37.91V	38.08V
Optimum Operating Current (Imp)	17.19A	17.23A	17.28A	17.33A
Open-Circuit Voltage (Voc)	45.50V	45.68V	45.87V	46.03V
Short-Circuit Current (Isc)	18.31A	18.35A	18.40A	18.46A
Solar Module Efficiency (%)	20.76	20.92	21.41	21.25
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 132(6×11+6×11)
Dimensions	2384mm*1303mm*35mm
Weight	34.0kg
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;

