



KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 5 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



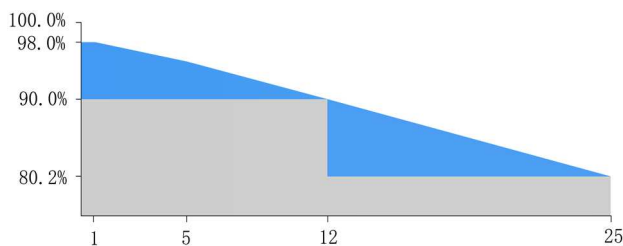
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

CERTIFICATE

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



25 Years Power Output Warranty



WARRANTY



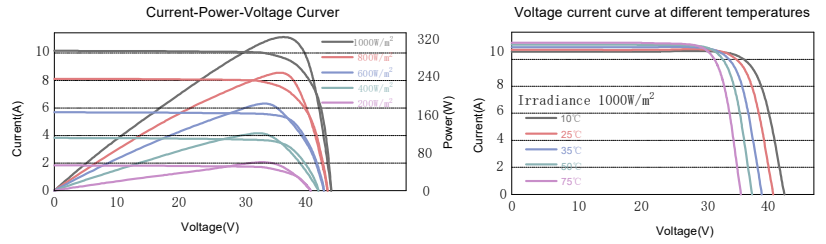
Linear power output warranty
-12 years minimum 90.0% power output
-25 years minimum 80.2% power output



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



IV-CURVES



ELECTRICAL CHARACTERISTICS

Model	UKE275P6-60H	UKE280P6-60H	UKE285P6-60H	UKE290P6-60H
Maximum Power at STC(Pmax)	275W	280W	285W	290W
Optimum Operating Voltage (Vmp)	31.47V	31.55V	31.63V	31.86V
Optimum Operating Current (Imp)	8.74A	8.88A	9.02A	9.11A
Open-Circuit Voltage (Voc)	38.67V	38.75V	38.83V	39.06V
Short-Circuit Current (Isc)	10.10A	10.24A	10.39A	10.50A
Solar Module Efficiency (%)	16.63	16.93	17.23	17.54
Operating Temperature	-40to85°C			
Maximum System Voltage	DC1000V			
Maximum Series Fuse Rating	15A			
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	-0.43%/°C
Temperature Coefficient of VOC	-0.34%/°C
Temperature Coefficient of ISC	0.065%/°C

TEMPERATURE COEFFICIENTS

No.of cells	Poly PERC 156.75mm 60(6×10)
Dimensions	1640mm*992mm*35mm
Weight	17.5kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm², 0.9m
Packing Specification	30 pcs/Pallet, 360pcs/ 20'GP; 924 pcs/ 40'HQ;

