

KEY FEATURES



10-30% Additional Power Generation

30 years lifespan brings 10-30% additional power generation comparing with conventional P-type module



Better Weak Illumination Response

Higher power output even under low-light environments like on cloudy or foggy days



ZERO LID (Light Induced Degradation)

N-type solar cell has no LID naturally which can increase power generation



Better Temperature Coefficient

Higher power generation under working conditions, thanks to passivating contact cell technology



Lower LCOE

Higher bifaciality, higher power output and lower BOS cost



Wider Applicability

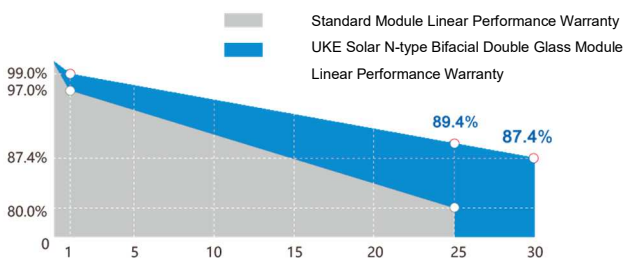
More application scenes like BIPV, vertical installation, snowfield, high-humid, windy and dusty area

CERTIFICATE

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



30 Years Power Output Warranty



WARRANTY



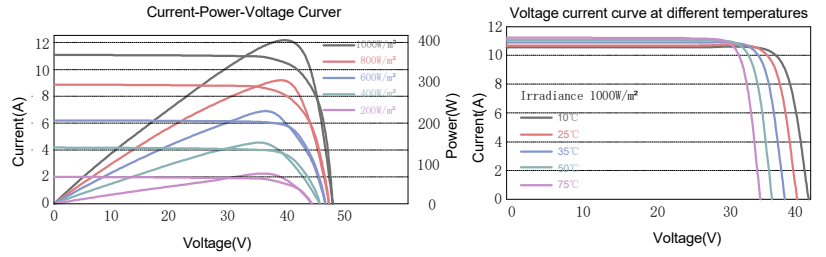
Linear power output warranty
 -15 years minimum 87.4% power output
 -30 years minimum 80.0% power output



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



IV-CURVES



ELECTRICAL CHARACTERISTICS (Front Side)

Model	UKE380M8-60BF	UKE385M8-60BF	UKE390M8-60BF	UKE395M8-60BF
Maximum Power at STC(Pmax)	380W	385W	390W	395W
Optimum Operating Voltage (Vmp)	34.9V	35.1V	35.3V	35.5V
Optimum Operating Current (Imp)	10.89A	10.97A	11.05A	11.13A
Open-Circuit Voltage (Voc)	41.8V	42.0V	42.2V	42.4V
Short-Circuit Current (Isc)	11.54A	11.62A	11.69A	11.77A
Solar Module Efficiency (%)	20.83	21.10	21.38	21.65
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	42±2°C
Temperature Coefficient of Pmax	-0.310%/°C
Temperature Coefficient of VOC	-0.260%/°C
Temperature Coefficient of ISC	+0.046%/°C

TEMPERATURE COEFFICIENTS

No.of cells	Mono N-type 166mm 120(6×10+6×10)
Dimensions	1756mm*1039mm*30mm
Weight	23kg
Front glass	2mm/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	36 pcs/Pallet, 216 pcs/ 20'GP; 936 pcs/ 40'HQ;

