

Beel



Full-Black Series

D6 II · 350-370W MWT All Black Module Mono Half-cut 63 Cells

20.6%

Module efficiency up to 20.6%

Full Black Series MWT PV Module



Full Black

All black design for more elegant rooftop



High Reliability

Conductive back sheet 2D encapsulation without soldering, resulted lower degradation under multiple extreme testing condition



High ROI

Higher return of investment with higher power output



High Efficiency

MWT back contact cell and modules with busbar-free design and higher efficiency



Superior Warranty

The only single-glass module with 30-year power warranty by LLOYD'S& PICC worldwide



Lead Free

Eco-friendly PV design achieves Lead-free without soldering materials

Reinsurance Coverage for 30 Years

20 year

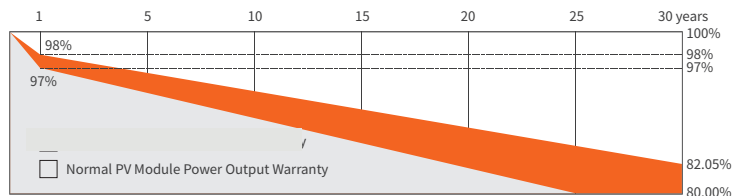
Quality
Warranty

30 year

Performance
Warranty

Insured by PICC and LLOYD'S

PICC LLOYD'S



※1st year degradation less than 2%, 30 years linear power output 82% guaranteed.

Comprehensive Qualifications & Certifications

- ★CQC Top Runner Advanced Technology Certification (4A class)
- ★ISO 9001:2015 Quality Management System
- ★ISO 45001:2018 Occupation Health Safety Management System

- ★TUV NORD Certification
- ★ISO 14001:2015 Environment Management System
- ★TUV NORD Certification



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Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP350NHEH	SPP355NHEH	SPP360NHEH	SPP365NHEH	SPP370NHEH
Max-Power(Pm)	W	350	355	360	365	370
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	35.1	35.3	35.5	35.7	35.9
Max-Power Current(Im)	A	9.98	10.06	10.14	10.23	10.31
Open-Circuit Voltage(Voc)	V	42.4	42.6	42.8	43.0	43.2
Short-Circuit Current(Isc)	A	10.45	10.53	10.62	10.70	10.78
Module Efficiency(ηm)	%	19.4	19.7	20.0	20.3	20.6
STC: AM=1.5, Irradiation 1000W/m ² , Module Temperature 25°C						

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP350NHEH	SPP355NHEH	SPP360NHEH	SPP365NHEH	SPP370NHEH
Max-Power(Pm)	W	262	266	270	274	278
Max-Power Voltage(Vm)	V	32.3	32.5	32.7	32.9	33.1
Max-Power Current(Im)	A	8.12	8.20	8.26	8.33	8.40
Open-Circuit Voltage(Voc)	V	39.6	39.8	40.0	40.2	40.4
Short-Circuit Current(Isc)	A	8.63	8.70	8.77	8.84	8.90
NMOT: Irradiation 800W/m ² , ambient temperature 20°C, Wind Speed 1m/s						

Temperature Coefficient

Nominal Module Operating Temperature	43±2°C
Temperature coefficient of Pmax	-0.36%/°C
Temperature coefficient of Voc	-0.28%/°C
Temperature coefficient of Isc	0.06%/°C

Package

Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HC	806/858	31

Mechanical Characteristics

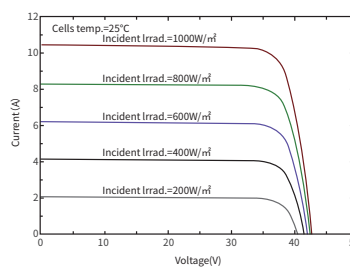
Dimension(L×W×H)	1772mmx1016mmx35mm
Weight	20kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	126(6×21) / Mono / 162.75mm (Half-cell)
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Black
Junction Box	IP67 / IP68
Cable	4mm ² , 350mm (+) / 150mm (-); Customizable
Connector	MC4 Compatible

Operating Conditions

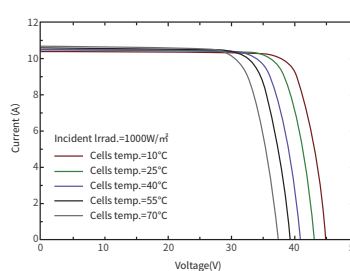
Max System Voltage	1500V(TUV)
Max Fuse Rated Current	15A
Operating Temperature Range	-40°C~+85°C
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	φ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

I-V Curve

I-V Curve at different irradiation (SPP365NHEH)



I-V Curve at different irradiation (SPP360NHEH)



Module Size

