

Full-Black Series

D6 II · 365-385W
MWT Mono PERC Half-Cut All Black Module

20.6%

Module efficiency up to 20.6%

Features

- Full Black**
All black design for more elegant applications
- High Efficiency**
Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance conditions
- Innovative Layout**
Innovative back contact module layout with asymmetric design for higher efficiency power
- High Reliability**
Conductive back sheet's 2D encapsulation avoids welding stress and micro crack, resulting lower degradation under multiple harsh testing conditions
- High ROI**
Single-glass modules with global 30-year performance warranty bring higher return on investment
- Lead Free**
Eco-friendly PV design achieves lead-free MWT module without soldering materials

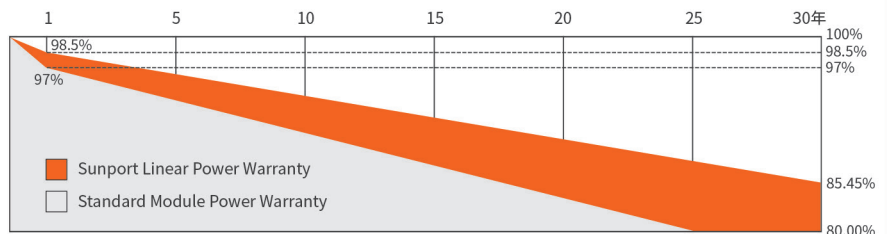
Reinsurance Coverage for 30 Years

15 year
Quality Warranty

30 year
Performance Warranty

Insured by PICC and LLOYD'S

PICC LLOYD'S



※1st year degradation less than 1.5%, 30 years power output 85.45% guaranteed.

Comprehensive Qualifications & Certifications

- ★CQC Top Runner Advanced Technology Certification (4A class)
- ★TUV NORD Certification
- ★ISO 9001:2015 Quality Management System
- ★ISO 14001:2015 Environment Management System
- ★ISO 45001: 2018 Occupation Health Safety Management System



Jiangsu Sunport Power Corp., Ltd

Add: No.20, Xishi Road, Xinwu District, Wuxi, China 214028

Email: info@sunportpower.com

Web: www.sunportpower.com

Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	SPP365QHEH	SPP370QHEH	SPP375QHEH	SPP380QHEH	SPP385QHEH
Max-Power(Pm)	365	370	375	380	385
Power Tolerance	0~+5				
Max-Power Voltage(Vm)	35.1	35.3	35.5	35.7	35.9
Max-Power Current(Im)	10.4	10.49	10.57	10.65	10.73
Open-Circuit Voltage(Voc)	42.4	42.6	42.8	43.0	43.2
Short-Circuit Current(Isc)	10.94	11.02	11.10	11.18	11.26
Module Efficiency(η m)	19.5	19.8	20.1	20.3	20.6

STC: AM=1.5, Irradiation 1000W/m², Module Temperature 25°C

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP365QHEH	SPP370QHEH	SPP375QHEH	SPP380QHEH	SPP385QHEH
Max-Power(Pm)	W	274	278	282	286	290
Max-Power Voltage(Vm)	V	32.3	32.5	32.7	32.9	33.1
Max-Power Current(Im)	A	8.49	8.56	8.63	8.7	8.77
Open-Circuit Voltage(Voc)	V	39.6	39.8	40.0	40.2	40.4
Short-Circuit Current(Isc)	A	8.90	8.96	9.02	9.08	9.14

NMOT: Irradiation 800W/m², 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

Mechanical Characteristics

Dimension(L×W×H)	1805mmx1035mmx30mm
Weight	20kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	126(21x6) / Mono / Half-cell
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Black
Junction Box	IP68
Cable	4mm ² , 350mm (+)/ 150mm (-); Customizable
Connector	MC4 Compatible

Operating Conditions

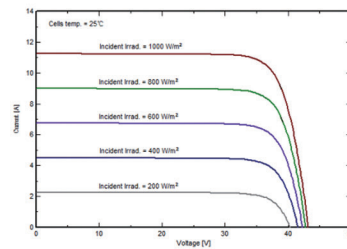
Max System Voltage	DC1500V(TUV)
Max Fuse Rated Current	20A
Operating Temperature Range	-40°C~+85°C
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	φ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

Package

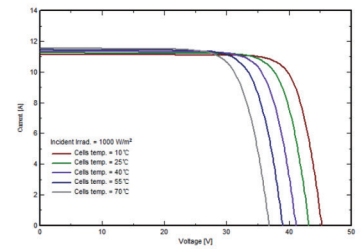
Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HC	864 pcs	36 pcs

I-V Curve

I-V Curve at different irradiation (SPP385QHEH)



I-V Curve at different temperature (SPP385QHEH)



Module Size

