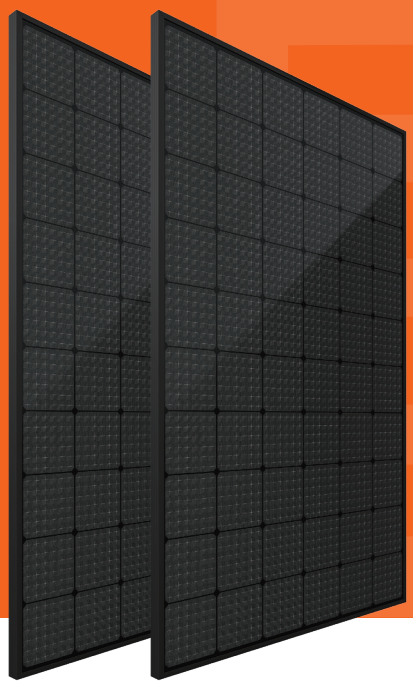
Sunport Power



Full-Black Series

D6 · 330-350W

MWT Mono PERC All Black Module

20.5%

Module efficiency up to 20.5%

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

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

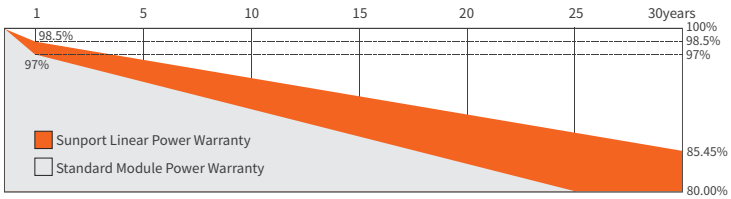
High Mechanical Loading Tolerance
Mechanical Load: 5400Pa(front)/2400Pa(rear)

Lead Free
Eco-friendly PV design achieves lead-free MWT module without soldering materials

Reinsurance Coverage for 30 Years

15year Quality Warranty

30year Performance Warranty



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

Insured by PAIC and LLOYD'S

PING AN LLOYD'S

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

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Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP330N60H	SPP335N60H	SPP340N60H	SPP345N60H	SPP350N60H
Max-Power(Pm)	W	330	335	340	345	350
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	33.0	33.2	33.4	33.6	33.8
Max-Power Current(Im)	A	10.01	10.10	10.18	10.27	10.37
Open-Circuit Voltage(Voc)	V	40.1	40.3	40.5	40.7	40.9
Short-Circuit Current(Isc)	A	10.52	10.61	10.70	10.79	10.89
Module Efficiency(ηm)	%	19.4	19.7	20.0	20.2	20.5
STC: AM=1.5，Irradiation 1000W/m², Module Temperature 25°C　Power Tolerance ±3%						

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP330N60H	SPP335N60H	SPP340N60H	SPP345N60H	SPP350N60H
Max-Power(Pm)	W	248	252	256	260	264
Max-Power Voltage(Vm)	V	31.0	31.2	31.4	31.6	31.8
Max-Power Current(Im)	A	8.01	8.09	8.16	8.24	8.31
Open-Circuit Voltage(Voc)	V	37.8	38.0	38.2	38.4	38.6
Short-Circuit Current(Isc)	A	8.52	8.60	8.68	8.76	8.84
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

Package

Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HQ	1008/1064	36

Mechanical Characteristics

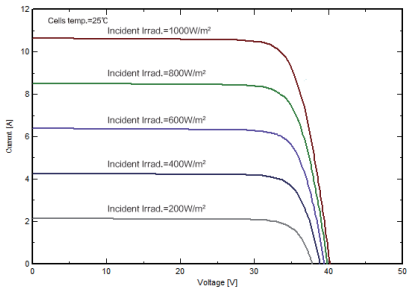
Dimension(L×W×H)	1679mmx1015mmx30mm
Weight	18.8kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass / 3.2mm
Solar Cell	60(10x6) / Mono
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Black
Junction Box	IP68
Cable	1000mm / 4mm²
Connector	MC4 Compatible

Operating Conditions

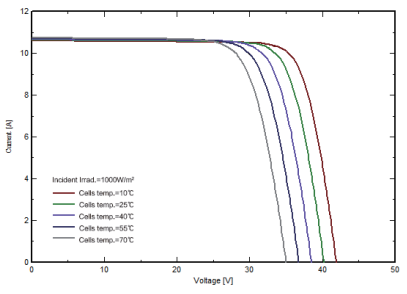
Max System Voltage	DC1500V(TUV)
Max Fuse Rated Current	15A
Operating Temperature Range	-40°C～+85°C
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	ϕ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

I-V Curve

I-V Curve at different irradiation (SPP340N60H)



I-V Curve at different temperature (SPP340N60H)



Module Size