



Classic Series

C6 • 335-355W
MWT Mono PERC Module

20.8%

Module efficiency up to 20.8%

Features



High Efficiency

Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance 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)



High Reliability

Conductive back sheet's 2D encapsulation avoids welding stress and micro crack, resulting lower degradation under multiple harsh testing conditions



Aesthetic Design

The design of busbar and tapping ribbon free makes module more aesthetic



Lead Free

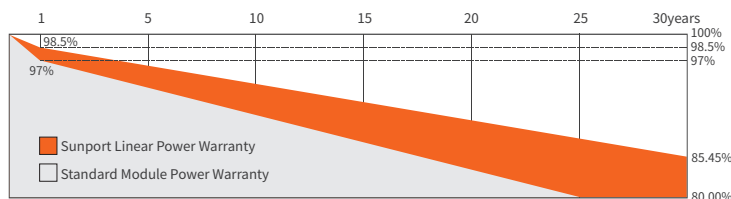
Eco-friendly PV design achieves lead-free MWT module without soldering materials

Reinsurance Coverage for 30 Years



Insured by PICC and LLOYD'S

PICC LLOYD'S



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



هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



CEC
Approved



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Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP335N60H	SPP340N60H	SPP345N60H	SPP350N60H	SPP355N60H
Max-Power(Pm)	W	335	340	345	350	355
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	33.2	33.4	33.6	33.8	34.0
Max-Power Current(I _m)	A	10.10	10.18	10.27	10.37	10.45
Open-Circuit Voltage(V _{oc})	V	40.3	40.5	40.7	40.9	41.1
Short-Circuit Current(I _{sc})	A	10.61	10.70	10.79	10.89	10.97
Module Efficiency(η _m)	%	19.7	20.0	20.2	20.5	20.8
STC: AM=1.5, Irradiation 1000W/m², Module Temperature 25°C						

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP335N60H	SPP340N60H	SPP345N60H	SPP350N60H	SPP355N60H
Max-Power(Pm)	W	252	256	260	264	268
Max-Power Voltage(Vm)	V	31.2	31.4	31.6	31.8	32.0
Max-Power Current(I _m)	A	8.09	8.16	8.24	8.31	8.38
Open-Circuit Voltage(V _{oc})	V	38.0	38.2	38.4	38.6	38.8
Short-Circuit Current(I _{sc})	A	8.60	8.68	8.76	8.84	8.92
NMOT: Irradiation800W/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' HC	1008 / 1064	36

Mechanical Characteristics

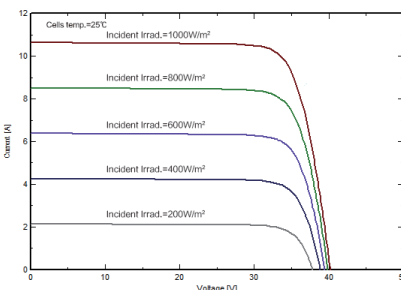
Dimension(L×W×H)	1679mmx1015mmx30mm
Weight	18.8 kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	60(10x6) / Mono
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Silver
Junction Box	IP68
Cable	1000mm / 4mm ²
Connector	MC4 Compatible

Operating Conditions

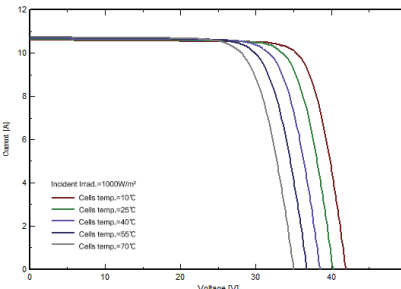
Max System Voltage	1500V(TUV)
Max Fuse Rated Current	15A
Operating Temperature Range	-40℃~+85℃
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	φ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

I-V Curve

I-V Curve at different irradiation (SPP345N60H)



I-V Curve at different temperature (SPP345N60H)



Module Size

