SpolarPV
Easy Invest, More Returns

Flex Series

13.7% Module efficiency

3year Quality/Performance Warranty

S-FLEX ·30-35W

MWT Mono PERC Flexible Module

★ ISO 9001: 2015 Quality Management System
★ ISO 45001: 2018 Occupation Health Safety Management System
★ ISO 14001: 2015 Environment Management System

Features

Light, Thin design
0.54kg weight, match various requirements for low-load projects

Customizable
Customized design for different scenarios

Ultra Flexible
Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.30m, fit all kinds of curved surface perfectly

High Efficiency And Reliability
Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance conditions

Convenient Installation
Easy installation and convenient transportation with lower cost

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

Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP030QH12S	SPP035QH12S
Max-Power(Pm)	W	30	35
Power Tolerance	W	0~+5	
Max-Power Voltage(Vm)	V	6.6	6.8
Max-Power Current(Im)	A	4.56	5.16
Open-Circuit Voltage(Voc)	V	7.9	8.1
Short-Circuit Current(Isc)	A	4.84	5.48
Effective Module Efficiency(ηm)	%	11.8	13.7

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

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP030QH12S	SPP035QH12S
Max-Power(Pm)	W	22	26
Max-Power Voltage(Vm)	V	32.5	6.3
Max-Power Current(Im)	A	8.09	4.17
Open-Circuit Voltage(Voc)	V	39.6	7.6
Short-Circuit Current(Isc)	A	8.61	4.43

NMOT: Irradiation 800W/m², Ambient temperature 20°C, Wind Speed 1m/s

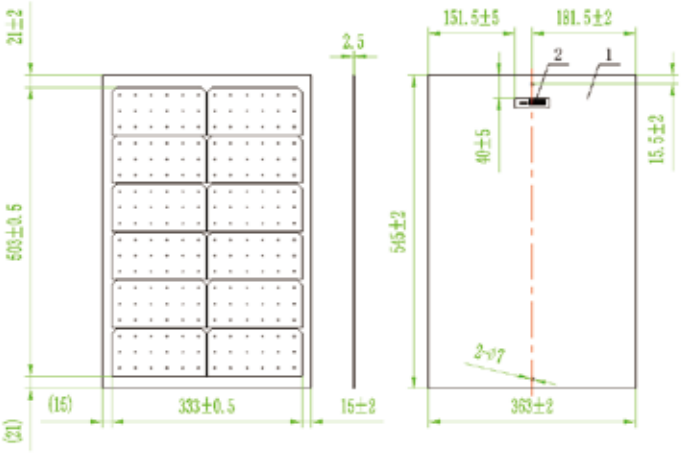
Temperature Coefficient

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

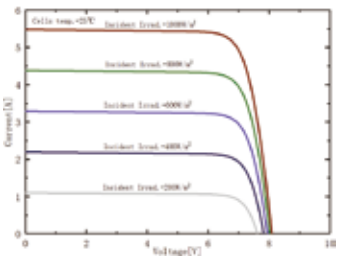
Installation Module Dimension (L×W×H)	545mm×363mm×2.5mm
Weight	0.54 kg
Back material	Back Sheet(black/white)
Cell (quantity / material / type / dimensions)	12(2x6)/Mono /166*83mm /ϕ223mm
Frame	None
Junction box(protection degree)	None

Module Size

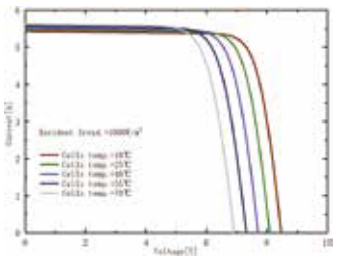


I-V Curve

I-V Curves of SPP035QH12S at different irradiance



I-V Curves of SPP035QH12S at different cell temperature



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