

Mono-crystalline Solar PV Modules

M210

30W

ZJNAC-30M

Mono Single Glass Module

17.6%

Module efficiency

Electrical Specifications

Module Type		ZJNAC-30M	
STC: AM1.5 Temperature 25°C Irradiance 1000 W/m ²	Peak Power(Pmax)±3%	(W)	30
	Power Tolerance	(W)	0~+5
	Max.Power Voltage(Vmp)	(V)	20.41
	Max.Power Current(Imp)	(A)	1.47
	Open-circuit Voltage(Voc)±3%	(V)	23.98
NMOT: AM1.5 Temperature 20°C Wind speed 1m/s Irradiance 800 W/m ²	Peak Power(Pmax)±3%	(W)	22.4
	Max.Power Voltage(Vmp)	(V)	19.59
	Max.Power Current(Imp)	(A)	1.15
	Open-circuit Voltage(Voc)	(V)	23.37
	Short-circuit Current(Isc)	(A)	1.22
Operating Temperature	(°C)	-40~+85	
Max. Series Fuse Rating	(A)	15	
Max. System Voltage(DC)	(V)	1000(IEC)	

Mechanical Specifications

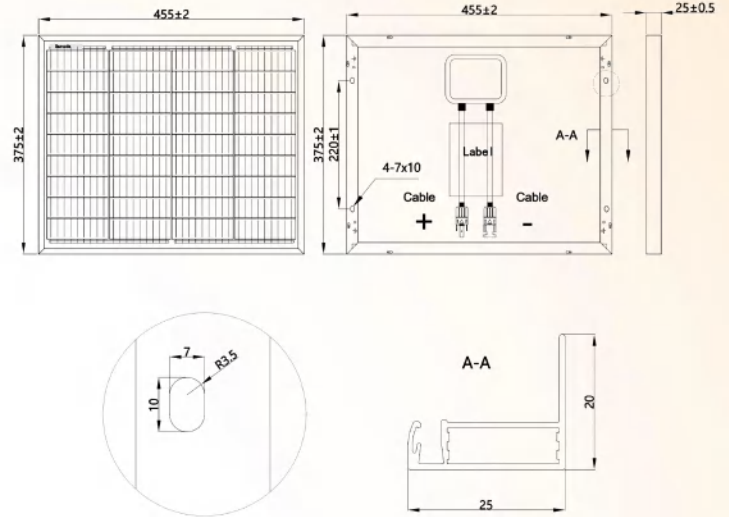
Solar Cells	P-Mono-105*35mm
Arrangement	Type-4*9
Front Glass	3.2mm tempered glass
Backsheet	Fluoride on both sides
Frame	Anodized aluminium alloy
Junction Box	IP65, 1 diode
Cables	2.5mm ² photovoltaic cables
Connectors	MC4 compatible/IP65
Maximum Load Capacity	Snow-2400Pa/Wind-1200Pa
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

Packing Configuration

Package Weight & Size	2.0Kg/carton & 387*467*33mm		
20'GP Container	1 pcs/carton	4694 cartons/20'GP	4694 pcs
40'HQ Container	1 pcs/carton	11569 cartons/40'HQ	11569 pcs

Dimensions of PV Module

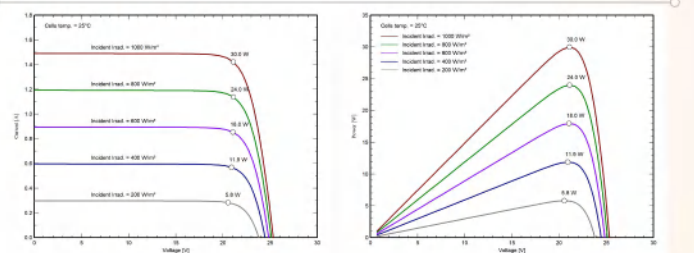
Module Dimensions	375(±2)*455(±2)*25mm
Module Weight	1.8 kg(±3%)



Temperature Characteristics

Temperature Coefficient (Pmax)	δ[%/°C]	-0.36
Temperature Coefficient (Voc)	β[%/°C]	-0.30
Temperature Coefficient (Isc)	α[%/°C]	+0.046
Nominal Operating Cell Temperature	NMOT	44°C±2°C

I-V & P-V Curves



Current-Voltage Characteristic

Power-Voltage Characteristic

Configuration	Default	Choose
Frame Color	<input checked="" type="checkbox"/> Silver	<input type="checkbox"/> Black
Backsheet Color	<input checked="" type="checkbox"/> White	<input type="checkbox"/> Transparent <input type="checkbox"/> Black
Cable Length	<input checked="" type="checkbox"/> 900mm	<input type="checkbox"/> Customization
Connectors	<input checked="" type="checkbox"/> Compatible MC4	<input type="checkbox"/> Original EVO2



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