

Mono-crystalline Solar PV Modules

M210

160W

ZJNAC-160M

Mono Single Glass Module

19.8%

Module efficiency

Electrical Specifications

Module Type		ZJNAC-160M	
STC: AM1.5 Temperature 25°C Irradiance 1000 W/m ²	Peak Power(Pmax)±3%	(W)	160
	Power Tolerance	(W)	0~+5
	Max.Power Voltage(Vmp)	(V)	18.69
	Max.Power Current(Imp)	(A)	8.56
	Open-circuit Voltage(Voc)±3%	(V)	22.64
NMOT: AM1.5 Temperature 20°C Wind speed 1m/s Irradiance 800 W/m ²	Short-circuit Current(Isc)+3%	(A)	8.89
	Peak Power(Pmax)±3%	(W)	119.7
	Max.Power Voltage(Vmp)	(V)	17.65
	Max.Power Current(Imp)	(A)	6.78
	Open-circuit Voltage(Voc)	(V)	21.08
Short-circuit Current(Isc)	(A)	7.19	
Operating Temperature	(°C)	-40~+85	
Max. Series Fuse Rating	(A)	15	
Max. System Voltage(DC)	(V)	1500(IEC)	

Mechanical Specifications

Solar Cells	P-Mono-210*105mm
Arrangement	Type-3*11
Front Glass	3.2mm tempered glass
Backsheet	Fluoride on both sides
Frame	Anodized aluminium alloy
Junction Box	IP67, 2 diode
Cables	4.0mm ² photovoltaic cables
Connectors	MC4 compatible/IP67
Maximum Load Capacity	Snow-3600Pa/Wind-1600Pa
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

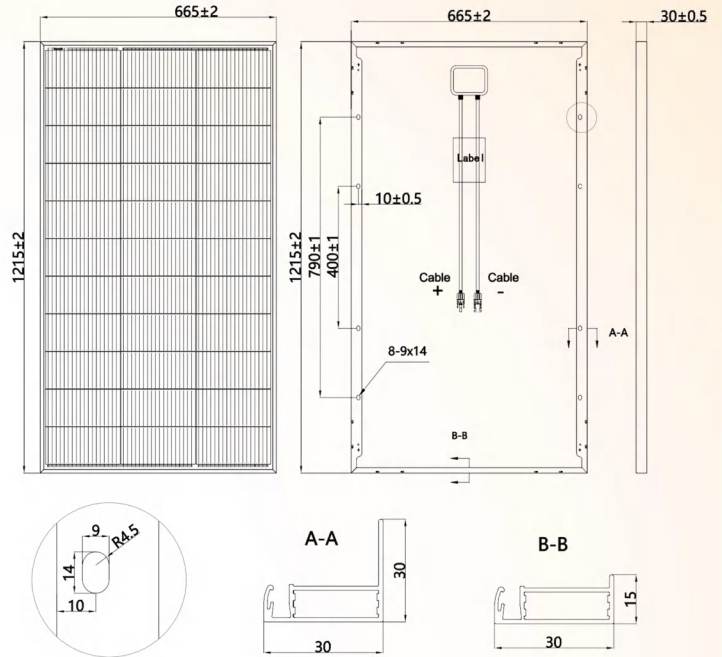
Packing Configuration

Package Weight & Size	8.2Kg/carton & 1227*677*38mm		
20'GP Container	1 pcs/carton	887 cartons/20'GP	887 pcs
40'HQ Container	1 pcs/carton	2154 cartons/40'HQ	2154 pcs

Dimensions of PV Module

Module Dimensions 1215(±2)*665(±2)*30mm

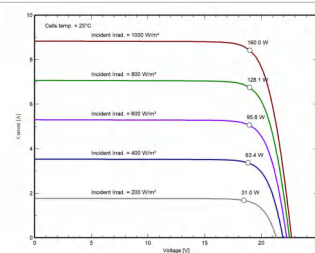
Module Weight 7.8 kg(±3%)



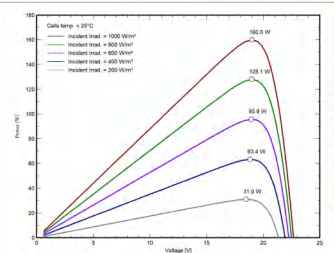
Temperature Characteristics

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

