

Mono-crystalline Solar PV Modules

M210

80W

ZJNAC-80M

Mono Single Glass Module

18.8%

Module efficiency

Electrical Specifications

Module Type		ZJNAC-80M	
STC: AM1.5 Temperature 25°C Irradiance 1000 W/m ²	Peak Power(Pmax)±3%	(W)	80
	Power Tolerance	(W)	0~+5
	Max.Power Voltage(Vmp)	(V)	18.65
	Max.Power Current(Imp)	(A)	4.29
	Open-circuit Voltage(Voc)±3%	(V)	22.57
NMOT: AM1.5 Temperature 20°C Wind speed 1m/s Irradiance 800 W/m ²	Short-circuit Current(Isc)+3%	(A)	4.45
	Peak Power(Pmax)±3%	(W)	59.8
	Max.Power Voltage(Vmp)	(V)	17.65
	Max.Power Current(Imp)	(A)	3.39
	Open-circuit Voltage(Voc)	(V)	21.08
Short-circuit Current(Isc)	(A)	3.59	
Operating Temperature	(°C)	-40~+85	
Max. Series Fuse Rating	(A)	15	
Max. System Voltage(DC)	(V)	1000(IEC)	

Mechanical Specifications

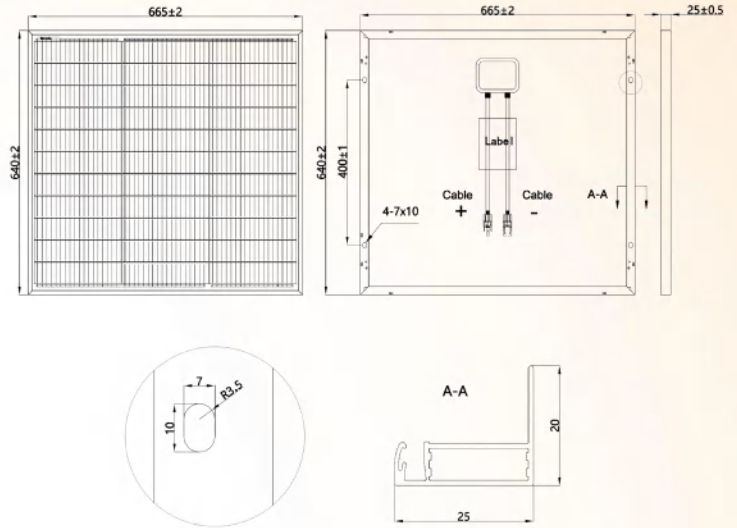
Solar Cells	P-Mono-210*52.5mm
Arrangement	Type-3*11
Front Glass	3.2mm tempered glass
Backsheet	Fluoride on both sides
Frame	Anodized aluminium alloy
Junction Box	IP67, 1 diode
Cables	2.5mm ² photovoltaic cables
Connectors	MC4 compatible/IP67
Maximum Load Capacity	Snow-3200Pa/Wind-1200Pa
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

Packing Configuration

Package Weight & Size	5.0Kg/carton & 652*677*33mm		
20'GP Container	1 pcs/carton	1922 cartons/20'GP	1922 pcs
40'HQ Container	1 pcs/carton	4737 cartons/40'HQ	4737 pcs

Dimensions of PV Module

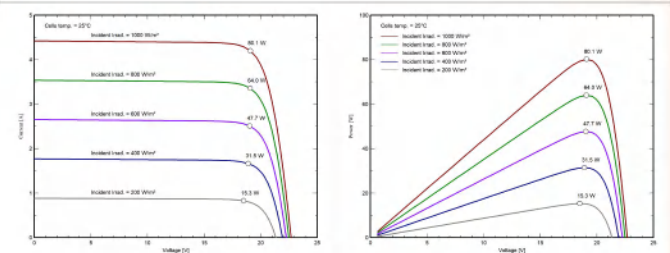
Module Dimensions	640(±2)*665(±2)*25mm
Module Weight	4.7 kg(±3%)



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



ZHEJIANG G&F FOREIGN TRADING COMPANY LIMITED
NINGBO ZHONGYI NEW ENERGY CO., LTD.

Company Address : No. 308 North Zhongshan Road, Hangzhou, Zhejiang
Factory Address : No. 509 Zhengtong North Road, High-tech Industrial
Development Zone, Cixi, Zhejiang

Tel:+86-0571-85773914

Mob:+86-13705717473

E-mail:yangchuang@zjnc.com

Web:www.zjnc.com