

YYM-60

Series high-efficiency monocrystalline modules

Electrical Parameters(STC)					
MODEL		YYM-60 270	YYM-60 275	YYM-60 280	YYM-60 285
Maximum Power	P _{max} (W)	270	275	280	285
Maximum Power Voltage	V _m (V)	31.2	31.4	31.6	31.8
Maximum Power Current	I _m (A)	8.65	8.76	8.86	8.96
Open-Circuit Voltage	V _{oc} (V)	38.3	38.5	38.7	38.9
Short-Circuit Current	I _{sc} (A)	9.29	9.38	9.46	9.54
Efficiency	(%)	16.6	16.9	17.2	17.5
Power Tolerance	P _m (W)	0 ~ +5			

@STC AM1.5,1000W/m²,25°C

Electrical Parameters(NOCT)					
Maximum Power	P _{max} (W)	198.43	202.42	206.12	209.33
Maximum Power Voltage	V _m (V)	28.8	29.0	29.2	29.4
Maximum Power Current	I _m (A)	6.89	6.98	7.06	7.12
Open-Circuit Voltage	V _{oc} (V)	35.1	35.2	35.4	35.6
Short-Circuit Current	I _{sc} (A)	7.45	7.52	7.61	7.68

@NOCT 800W/m²,20°C,1m/s winds

Mechanical Parameters	
Solar cells	156*156mm mono-crystalline
No.of cells	60pcs per set
Dimension	1640*992*35mm
Weight	18.1KG
Glass	3.2mm
Backplane	White
Frame	Anodic Alumina
Junction Box	Protection Grade IP67
Cable	4mm ² ,900m PV Special Compatible
Connector	Original MC4 or MC4 Compatible
Wind/Snow Pressure	2400Pa/5400Pa

Temperature Coefficients	
Nominal Operating	45 ± 2 °C
Peak Power	-0.41%/°C
Open-Circuit Voltage	-0.32%/°C
Short-Circuit Current	+0.055%/°C

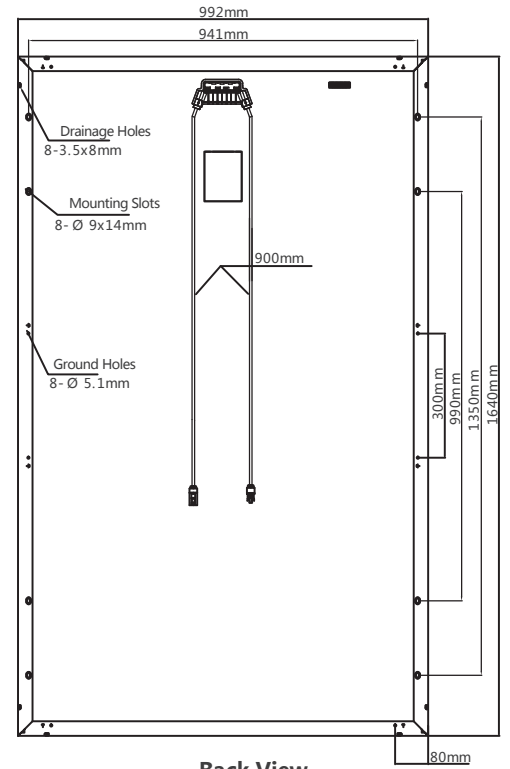
Limit Parameters	
Working Temperature	-40 ~ +85 °C
Max System Voltage	1000V DC(IEC)
Max Fuse Rated Current	15A

Quality assurance	
Product quality assurance for 10 years	
Linear power guarantee for 25 years	

Packaging	
Each case has 31 tablets	
Each 40ft container loads 868 tablets	

(Please refer to the product quality guarantee for more details)

Module Diagram



Back View

