

Photovoltaic Module Monocrystalline

WT-250-260M6-20



Quality and Safety

- *Rigorous quality control meeting the highest international standards
- *High-transmissivity low-iron tempered glass, strong aluminium frame Using UV-resistant silicon
- *ISO 9001:2008 、 ISO 14001:2004 and OHSAS18001
- *IEC61215,IEC61730,Safety Class II,conformity to CE

Features

- *Aesthetic appearance with excellent efficiency based on innovative photovoltaic technologies
- *High quality,strong aluminium frame,passing mechanical load testing 5400 Pa and wind pressure 2400Pa

Warranties

- *10 years limited product warranty
- *15 years at90% of the minimal rated power output
- *25 years at80% of the minimal rated power output

Certificates



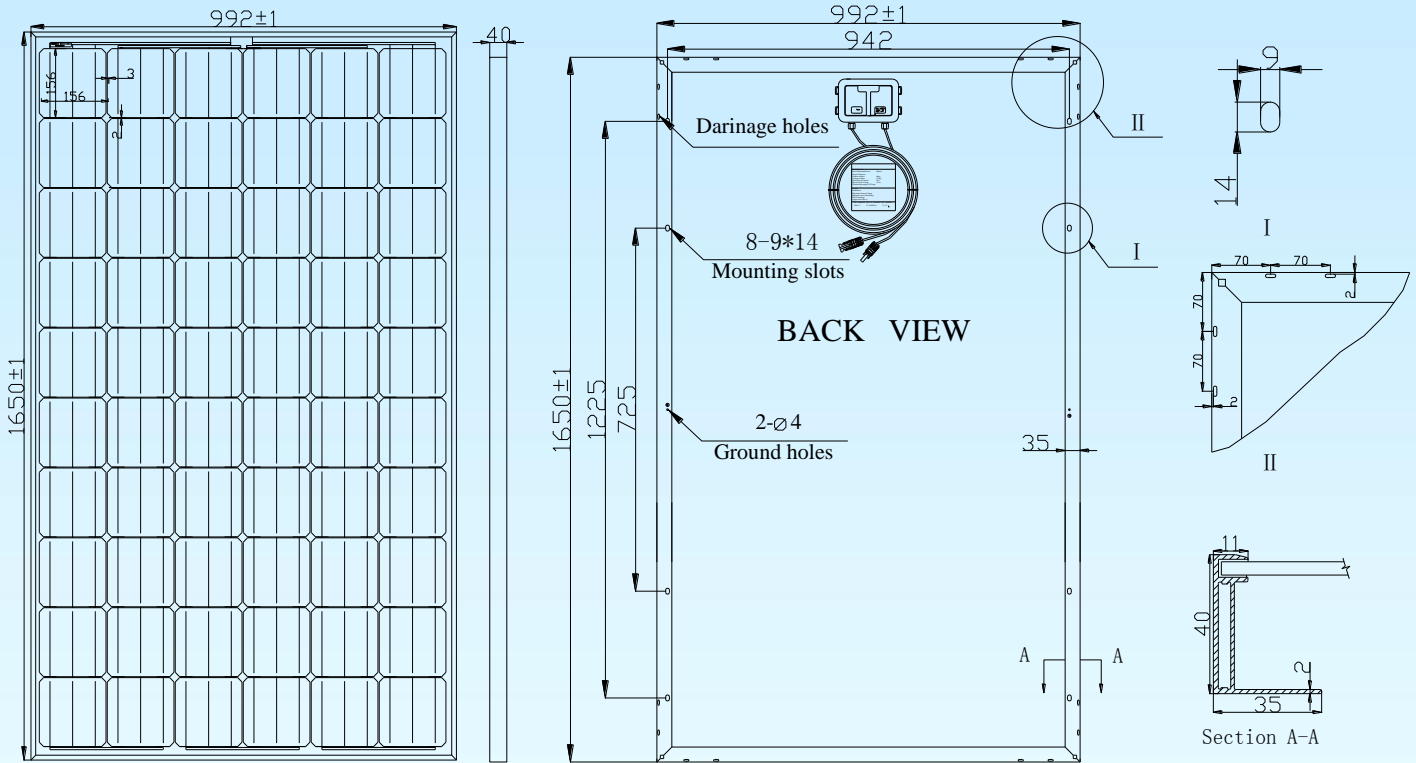
Electrical Characteristics

Model	WT-250M6-20	WT-255M6-20	WT-260M6-20
Maximum Power at STC (P _{max})	250W	255W	260W
Optimum Operating Voltage (V _{mp})	30.7V	30.9V	31.2V
Optimum Operating Current (I _{mp})	8.144A	8.253A	8.334A
Open-Circuit Voltage (V _{oc})	36.91V	37.17V	37.22V
Short-Circuit Current (I _{sc})	9.153A	9.234A	9.440A
Solar Cell Efficiency (%)	17.7	18.1	18.43
Solar Module Efficiency (%)	15.27	15.58	15.88
Operating Temperature		-40to85℃	
Maximum System Voltage		DC1000	
Maximum Series Fuse Rating		15A	
Power Tolerance		+3%	
STC:Irradiance 1000W/m ² ,Modules Temperature 25℃,AM=1.5			



Wotech Solar

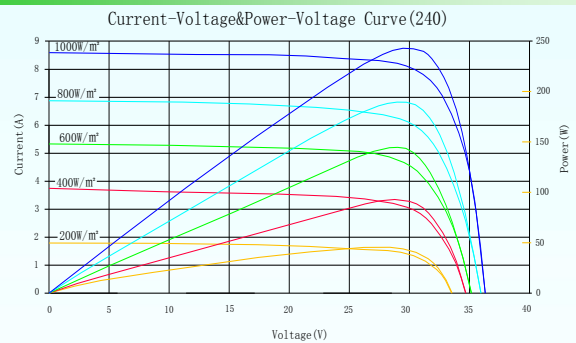
Engineering Drawings



Mechanical Characteristics

Solar cell	Mono-Crystalline 156*156mm
No. of cells	60 (6x10)
Dimensions	1650mm*992mm*40mm
Weight	19kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-YH0906
Connector	Plug and socket
Output cables	PV 4.0mm ² , 0.9m
1*20'	340 pcs
1*40'	700 pcs
1*40'HQ	784pcs

IV-Curves



Temperature Coefficient

Nominal Operating Cell Temperature (NOCT)	47°C +/- 2°C
Temperature Coefficient of Pmax	-0.47%/K
Temperature Coefficient of VOC	-0.346%/K
Temperature Coefficient of ISC	+0.036%/K