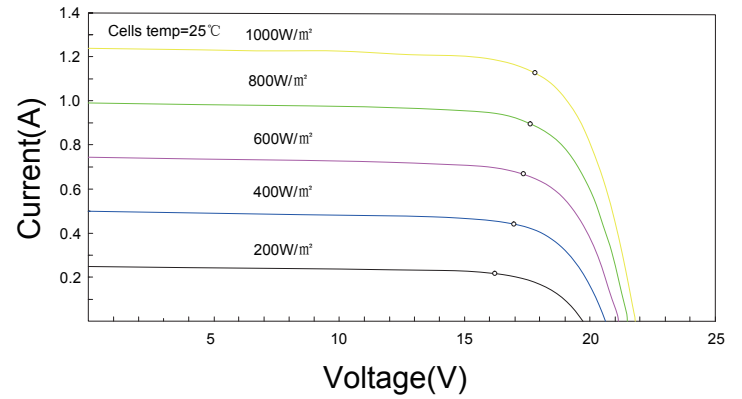
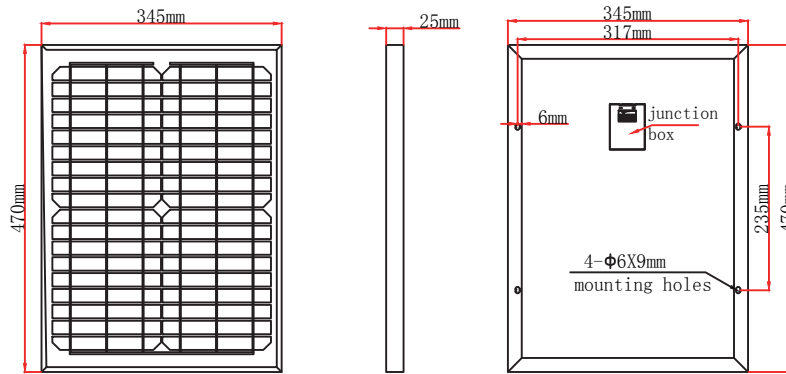


Characteristics



Module Diagram

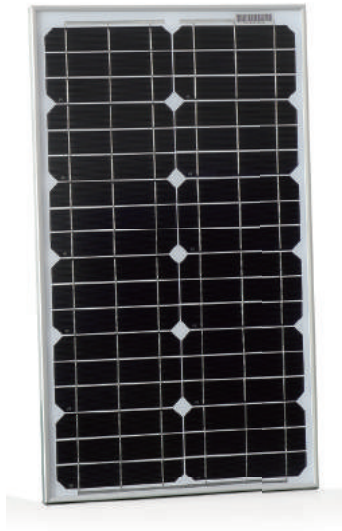


Electrical Characteristics

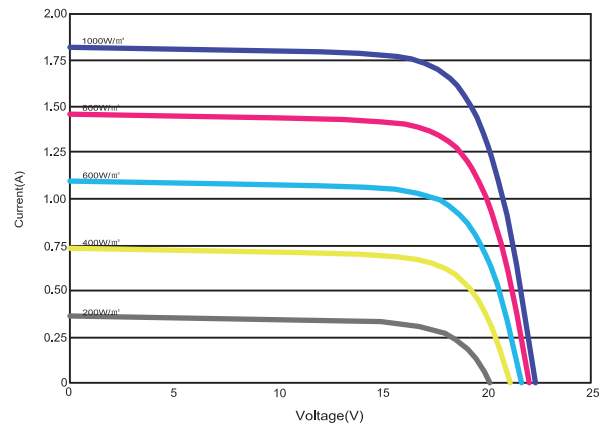
Electrical Characteristics	
Product code	MESM-20W
Maximum power (P _{max})	20W
Voltage at P _{max} (V _{mp})	17.8
Current at P _{max} (I _{mp})	1.12
Open-circuit voltage (V _{oc})	22.3
Short-circuit current (I _{sc})	1.21
Power temperature coefficient	-0.41%/
Voltage temperature coefficient	-0.31%/
Current temperature coefficient	+0.05%/
Cells Efficiency (%)	18.43%
The maximum system voltage	600VDC(IEC)
Output power tolerance	±3%

Specifications

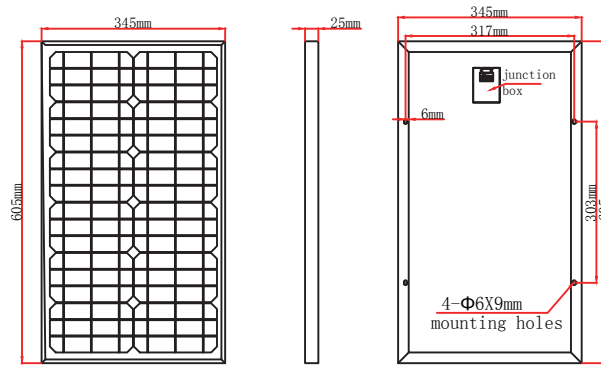
Cells	Germany A grade Solarworld solar cell
No. of cells and connections	36(2X18)
Module dimension	345*470*25mm
Weight	2.2KG
Certification	CE,RoHS,ISO



Characteristics



Module Diagram

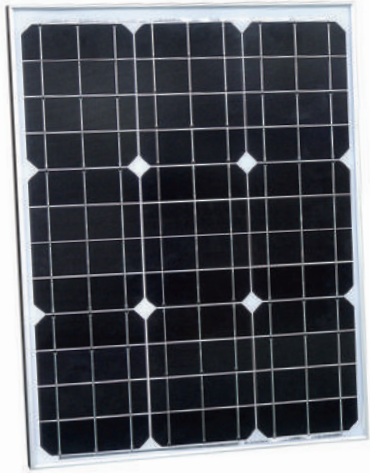


Electrical Characteristics

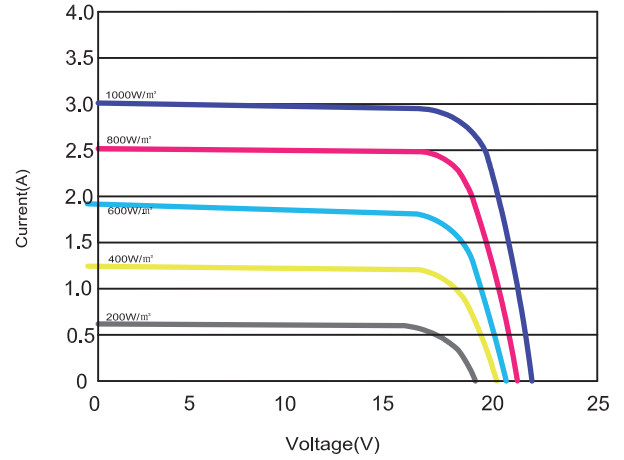
Product code	MESM-30W
Maximum power (Pmax)	30W
Voltage at Pmax (Vmp)	17.8
Current at Pmax (Imp)	1.69
Open-circuit voltage (Voc)	22.3
Short-circuit current (Isc)	1.82
Power temperature coefficient	-0.41%/
Voltage temperature coefficient	-0.31%/
Current temperature coefficient	+0.05%/
Cells Efficiency (%)	18.43%
The maximum system voltage	600VDC (IEC)
Output power tolerance	±3%

Specifications

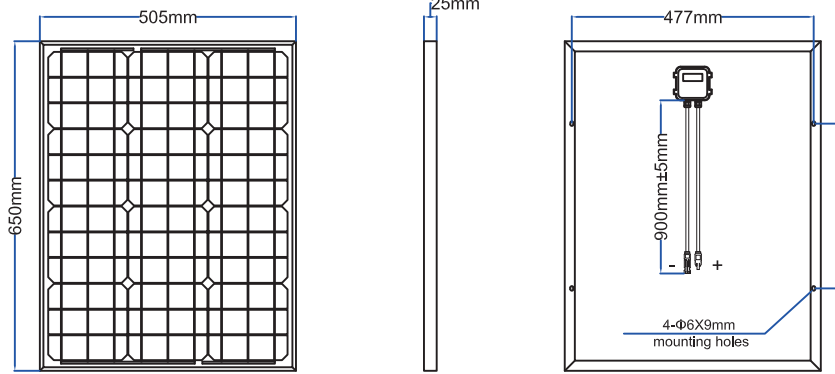
Cells	Germany A grade Solarworld solar cell
No. of cells and connections	36(2X18)
Module dimension	345*605*25mm
Weight	2.7KG
Certification	CE,RoHS,ISO



Characteristics



Module Diagram



Electrical Characteristics

Electrical Characteristics	
Product code	MESM-50W
Maximum power (Pmax)	50W
Voltage at Pmax (Vmp)	17.8
Current at Pmax (Imp)	2.81
Open-circuit voltage (Voc)	22.3
Short-circuit current (Isc)	3.03
Power temperature coefficient	-0.41%/
Voltage temperature coefficient	-0.31%/
Current temperature coefficient	+0.05%/
Cells Efficiency (%)	18.43%
The maximum system voltage	600VDC(IEC)
Output power tolerance	±3%

Specifications

Specifications	
Cells	Germany A grade Solarworld solar cell
No. of cells and connections	36(3X12)
Module dimension	650*505*25mm
Weight	3.7KG
Certification	CE,RoHS,ISO