



AS-8M13 200W MONOCRYSTALLINE MODULE

ELECTRICAL CHARACTERISTICS AT STC

Maximum Power (P_{max})	200W
Open Circuit Voltage (V_{oc})	26.82V
Short Circuit Current (I_{sc})	9.21A
Voltage at Maximum Power (V_{mp})	22.96V
Current at Maximum Power (I_{mp})	8.71A
Module Efficiency (%)	19.16
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V DC
Fire Resistance Rating	Class C

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

MECHANICAL CHARACTERISTICS

Cell type	Monocrystalline 210x104mm
Number of cells	39(3x11)
Module dimensions	1480*670*35mm
Weight	11.0kg
Front cover	3.2mm tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP67
Cable	4mm ² , 900mm
Connector	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

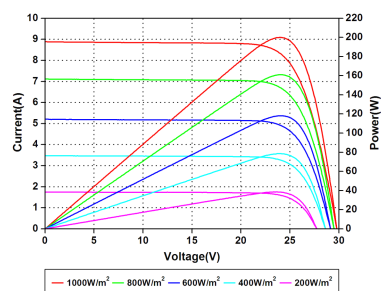
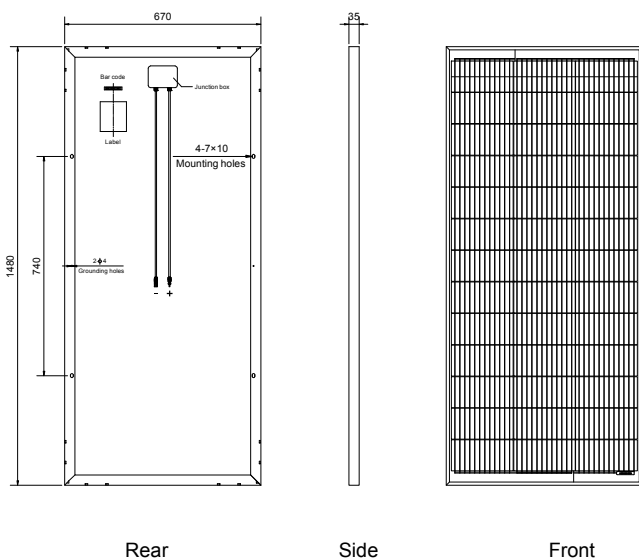
Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficients of P_{max}	-0.44%/°C
Temperature Coefficients of V_{oc}	-0.34%/°C
Temperature Coefficients of I_{sc}	0.055%/°C

PACKAGING

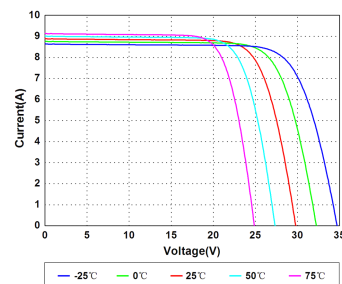
Standard packaging	31 pcs/pallet
Module quantity per 20' container	760 pcs
Module quantity per 40' container	1395pcs(HQ)

ENGINEERING DRAWINGS

Unit: mm



Current-Voltage and Power-Voltage Curves at Different Irradiances



Current-Voltage Curves at Different Temperatures

Specifications in this datasheet are subject to change without prior notice.