

## Features

- 5 buss bar solar cell configuration
- Lightweight anodized aluminum frame
- High transmission, AR (anti-reflective) coated tempered glass
- Plug and play junction box Industry standard quickconnect cables (MC4) work in series or in parallel
- Highly reliable due to stringent quality control (Over 30 in-house tests (UV, TC, HF, and many more), PID resistant, 100% EL double inspection)
- Certified to withstand challenging environmental conditions (2400 Pa wind load, 5400 Pa snow load, 35 mm hail stones at 97 km/h)
- Excellent low light performance on cloudy days, mornings and evenings

## INSTALLATION

- Easy installation and handling for various applications (high-end off-grid and mobile applications)
- Pre-drilled holes compatible with ground mounts, Z brackets, pole mounts and tilt mounts
- Compatible with on-grid and off-grid inverters

## WARRANTY

- 25 year limited power output



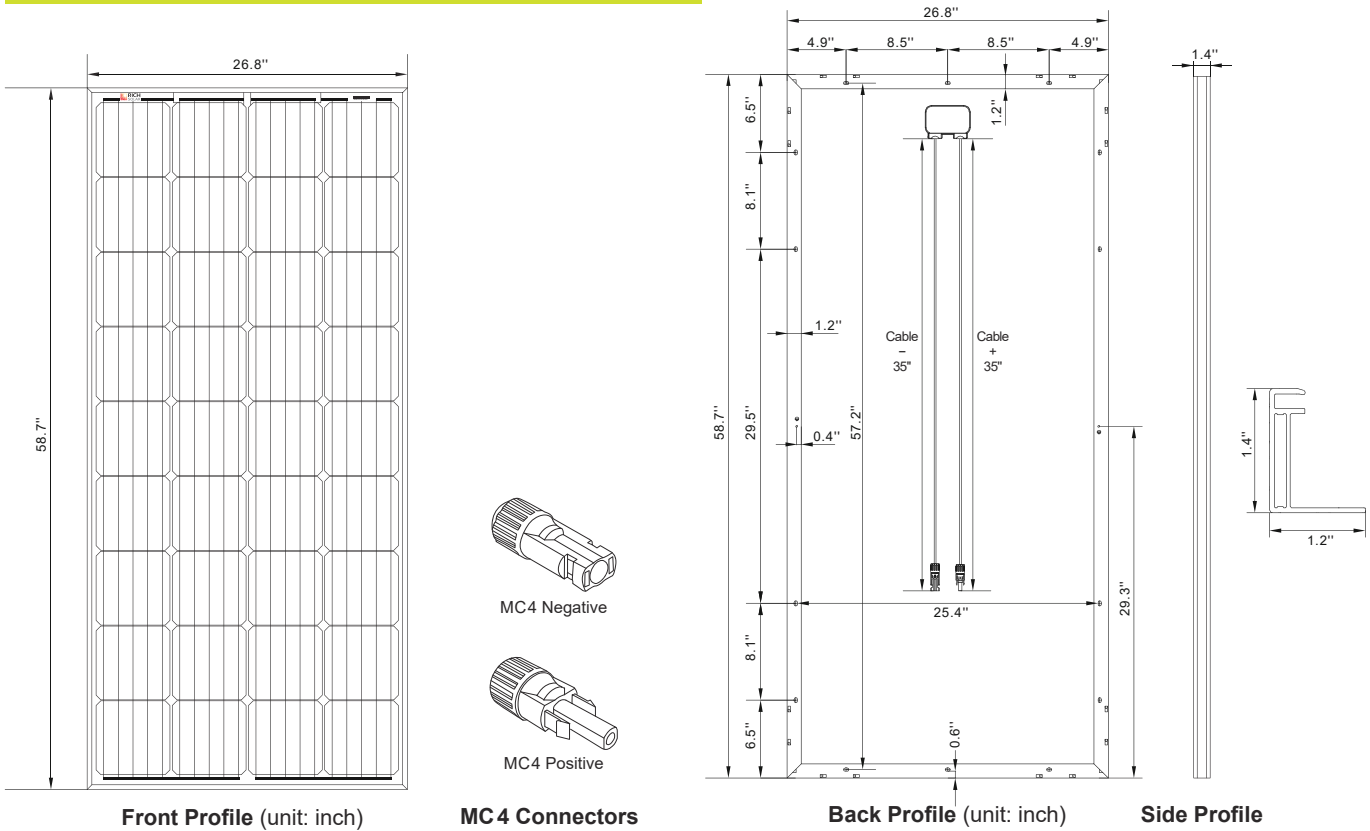
Model Type	PE200-12M
Peak Power Watts- $P_{MAX}$ (Wp)	200 W
Power Output Tolerance- $P_{MAX}$ (W)	0~+5 W
Maximum Power Voltage- $V_{MPP}$ (V)	20.4 V
Maximum Power Current- $I_{MPP}$ (A)	9.80 A
Open Circuit Voltage- $V_{oc}$ (V)	24.3 V
Short Circuit Current- $I_{sc}$ (A)	10.2 A
Module Efficiency $\eta_m$ (%)	19.5%
STC: Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, Air Mass AM1.5	
NOCT (Nominal Operating Cell Temperature)	45°C ( $\pm 2^\circ\text{C}$ )
Temperature Coefficient of $P_{MAX}$	-0.39%/°C
Temperature Coefficient of $V_{oc}$	-0.29%/°C
Temperature Coefficient of $I_{sc}$	0.05%/°C
Operational Temperature	-40~+90°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	15A

*Power Your Green Life!*

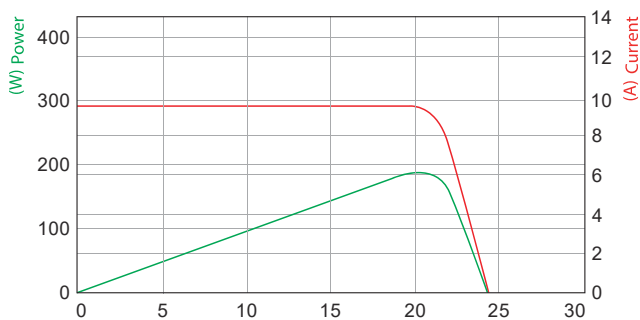
## Mechanical characteristics & Packaging

Solar Cells	Monocrystalline 158.75 × 158.75 mm (6 inches)
Cell Orientation	36 cells (4 × 9)
Module Dimensions	58.7 × 26.8 × 1.4 inches (1490 × 680 × 35 mm)
Weight	26.5 lb (12 kg)
Glass	3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Backsheet	White
Frame	Anodized Aluminium Alloy
Junction Box	IP 65 or IP 67 rated
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> (#12 gauge), 35 inches (900 mm) Length
Connector	MC4

## Dimensions



## CURVE CHARACTERISTICS



*Power Your Green Life!*