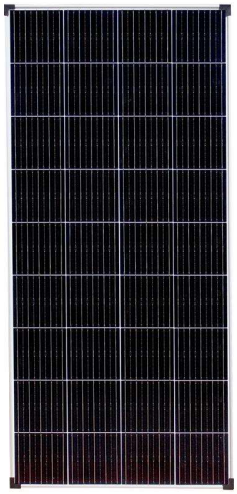
SM Solar



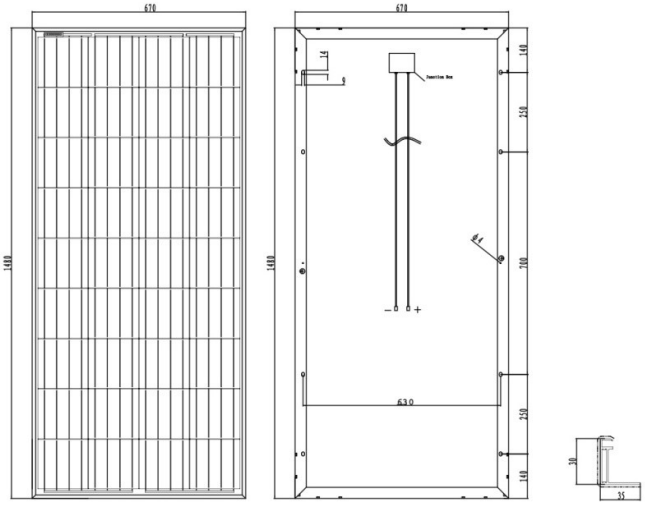
Electrical Characteristics	SM200-12
Maximum power at STC（Pmax）	200W
Optimum operating voltage（Vmp）	19.0V
Optimum operating current（Imp）	10.5A
Open-circuit voltage（Voc）	23.0V
Short-circuit current（Isc）	11.2A
Short-circuit current temperature coefficient	（0.1）%/C
Open-circuit voltage temperature coefficient	-（0.38）V/C
Peak power temperature coefficient	-（0.47）%/C
NOCT (Air 20□; Sun 0.8kW/m wind 1m/s)	47±2C
Operating temperature	-40C to 85C
Maximum system voltage	1000V DC
Power tolerance	±3%

STC: Irradiance 1000W/m^2，Module temperature 25C，AM=1.5

Features

- Nominal 12V DC output for off grid system.
- High efficiency monocrystalline 9BB PERC cell.
- 9BB cell higher performance with leaf and dropping
- New technology to improve the overall efficiency and performance compared to 5BB cells panel.
- Reduce Hot Spot Effect as the panel are splitted into 2 and the current and heat are halfed.
- Rugged design to withstands high wind pressure and snow load.
- 10 year module output warranty.

Dimension



Specification	SM200-12
Cell	Mono-crystalline silicon solar cells
No. of cell and connection	72（4×18）
Dimension of module	1480mm×665mm×35mm
Weight	12.8kg

Specifications are subject to change without notice at any time.