

MONO 200W SOLAR PANEL



Electrical Data

MONO- 5" Solar cell	200W
Nominal peak power(Pmax)	200Wp
Maximum power voltage(Vmp)	18.6V
Maximum power current(Imp)	10.80A
Short-circuit current(Isc)	11.45A
Open circuit voltage(Voc)	23.5V
Optimized cell efficiency(η)	18.60%

Power tolerance: 0~+3%

Limits

Operating temperature	-40℃ to +85℃
Maximum system voltage	1000VDC

Temperature and Coefficients

NOCT	48℃±2℃	
Current temperature coefficient	%/℃	0.05
Voltage temperature coefficient	%/℃	-0.33
Power temperature coefficient	%/℃	-0.34

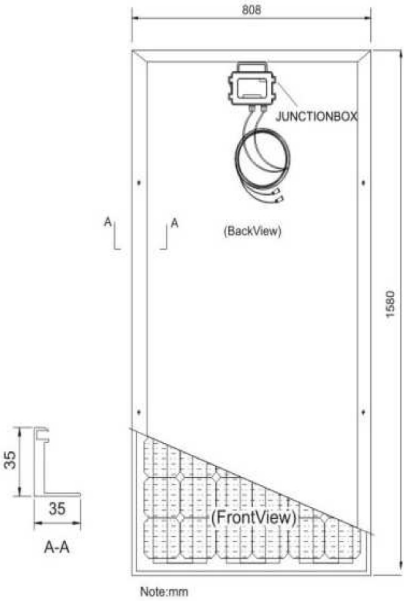
NOCT:Nominal Operation Cell Temperature

Additional Data

Number of cells and type of connection	72,serial connection
Dimensions	Length:1580mm Width:808mm Height:35mm
Net weight	14.80kgs/pc
Gross weight	450kgs/ctn(28pcs/ctn) 33kgs/ctn(2pcs/ctn)
Package dimension	1635x1140x956mm 1598x838x88mm
Container loading	868PCS/40'GP 62PCS/PALLET 372PCS/20'GP 62PCS/PALLET

STC: Irradiance of 1000W /m2, Air Mass of 1.5, Cell Temperature of 25℃

Guaranteed Power Output Warranted Tolerance: ±5%	15 year:90% of its nominal power rating
	25 year:80% of its nominal power rating
Impact Resistance	Can bear the force that is generated by one 227g steel ball fall down from 1m height
Warranty period	10 years:Materials and workmanship defects
Cells	Monocrystalline silicon photovoltaic cell



Characteristics

Module Graph 195W

