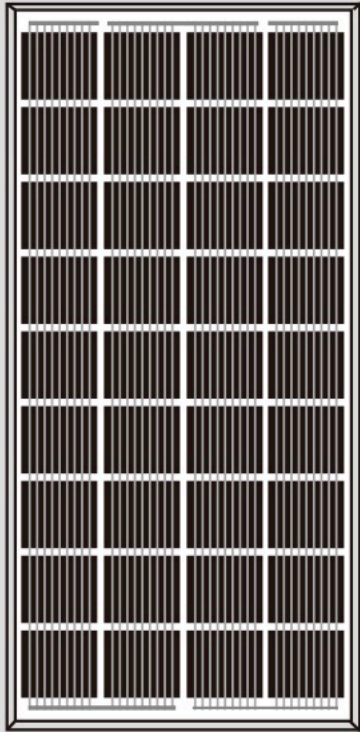
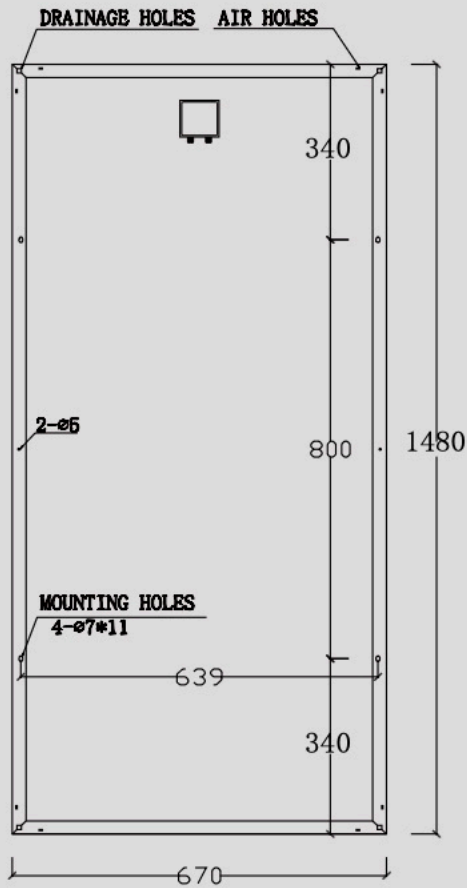


▼ Engineering Drawings (Front Side)



▼ Engineering Drawings (Back Side)



## Raw materials and Mechanical Parameters

ES200MS	
Type of Cells (mm)	Mono 158.75*158.75
NO. of Cells and ctions	4*9=36
Dimen sions (mm) (L*W*H)	670*1480*30
Weight (kg)	11.0
Glass	3.2mm Tem pered Glass
Encap sulation	EVA
Backsheet	Multilayer composite
Aluminium-Frame	Silver/black anodized aluminum alloy
Junction-Box	IP65/IP67
Cable	NA, but custom ized is acceptable
Conne ctor	NA, but MC4 and MC4 Com patible are acceptable
Package Configuration	1pcs/ctn

## Performance Parameters

ES200MS	
Maximum System Voltage	1000V
Operating Temperature	-45~+80 °C
Maximum Series Fuse	15A
Maximum static load front Side (e. x. snow, wind)	5400PA
Maximum static load back Side (e. x. wind)	2400 PA
Application Grade	PERC、Class A

## Electrical Parameters (Standard Test Condition)

ES200MS	
Rated Maximum Power (Mp)	200W
Power Tolerance	-3%~+3%
Cell Efficiency	22.8%
Open Circuit Voltage (Voc)	23.3V
Maximum Power Voltage (Vmp)	19.8V
Short Circuit Current (Isc)	10.80A
Maximum Power Current (Imp)	10.11A
Tem perature Coefficient of Isc	+0.06%
Tem perature Coefficient of Voc	-0.33%
Tem perature Coefficient of Pmp	-0.45%
Standard Test Condition Irradiance:1000W/M2, Cell Tem perature:25°C, Spectrum AM:1.5	

The Electrical Parameters of the module are the average theory figure under the standard test condition, each one exists difference. Can not be treated as the basis of module delivery.