

MASAMITSU

195W/200W/205W Monocrystalline

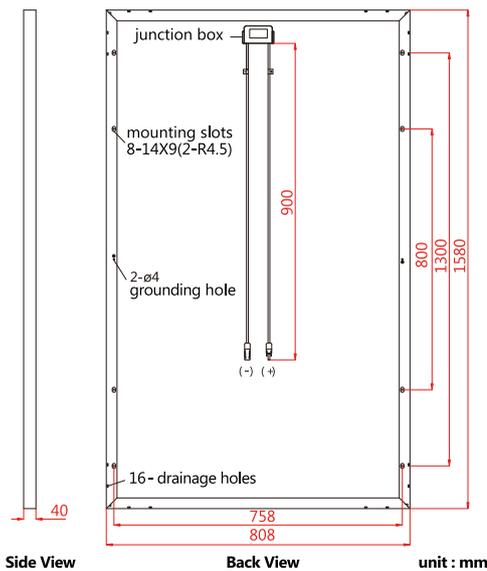
Specifications

Module can bear snow loads up to 5400Pa and wind loads up to 3800Pa.

High performance under low light conditions.
(Cloudy days, mornings and evenings)

Black frame and black sheet are optional with aesthetic module appearance.

Passed PID Test, Fire Test, Salt Mist Corrosion Test and Ammonia Corrosion Test.



Electrical Performance / Operating Conditions

Model No.	UL-195D-72	UL-200D-72	UL-205D-72
Power Output	195W	200W	205W
Voltage at Pmax	36.0V	36.3V	36.5V
Current at Pmax	5.42A	5.52A	5.63A
Open Circuit Voltage	45.1V	45.3V	45.4V
Short Circuit Current	5.84A	5.91A	5.98A
Module Efficiency	15.27%	15.67%	16.06%
Operating Temperature Range	-40°C~85°C		
Max. System Voltage	1000V		
Max. Series Fuse Rating	10A		
Power Tolerance	0/+3%		
Max. Static Load, Front (e.g., snow & wind)	5400Pa		
Max. Static Load, Back (e.g., wind)	3800Pa		
Application Class	A		

STC: 1000w/m² irradiance, 25°C module temperature, AM1.5 spectrum

Construction Materials

Cell (quantity/ type/ dimension)	72 / monocrystalline / 125×125 mm
Encapsulant (material)	ethylene vinyl acetate (EVA)
Front Cover (material thickness)	low-iron tempered glass / 3.2mm
Frame (material/ anodization color)	anodized aluminum alloy / silver or black
Dimension (L/W/H)	1580 / 808 / 40 mm
Weight	15.0 kg
Junction Box (protection degree)	IP67
Cable (length/ cross-sectional area)	900mm / 4mm ²
Plug Connector	MC4 compatible

Thermal Characteristics

Nominal Operating Cell Temperature	45+2°C
Temperature Coefficient of Pmax	-0.413 %/°C
Temperature Coefficient of Voc	-0.330 %/°C
Temperature Coefficient of Isc	+0.065 %/°C



APPROVED PRODUCT

