

MONO210Watt

Electrical Data at STC		SM60M
Maximum Power (Pmax)	210W	
Power Tolerance	0 to 5W	
Efficiency of Module	21.13%	
Optimum Operation Current (Imp)	11.55A	
Optimum Operation of Voltage (Vmp)	18.2V	
Short Circuit Current (Isc)	12.24A	
Open Circuit Voltage (Voc)	21.85V	

Values at Standard Test Conditions STC (Air mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Thermal Characteristic	
Nominal operating cell temperature (NOCT)	45±2°C
Temperature coefficient of Pmax	-0.40%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

Operating Conditions	
Max. system voltage	1000VDC (IEC), 600VDC (UL)
Max. series fuse rating	10A
Operating temperature range	-40 to 85°C
Max. static load, front (e.g., snow and wind)	5400Pa
Max. static load, back (e.g., wind)	2400Pa
Max. hailstone impact (diameter/velocity)	25mm/23m/s

Construction Materials	
Front cover (material/type/thickness)	low-iron tempered glass/3.2mm
Cell (quantity/material/type/dimensions)	60/monocrystalline/182mm×91mm
Encapsulant (material)	ethylene vinyl acetate (EVA)
Frame (material/color/anodization color)	anodization aluminum alloy/silver/clear
Junction box (protection degree)	TUV certified/IP65
Cable (length/cross-sectional area)	900m/4.0mm ²
Plug connector (type/protection degree)	MC4/IP67
Number of bypass diodes	3 pieces

General Characteristics	
Dimensions (L/W/H)	1445mm×765mm×30mm

Dimensions of Module

