

500W/33V Monocrystalline Silicon Solar Module Specifications

Item No.	G10M500-66H-V
Cell Type	Mono
Number of Cells	132pcs
Maximum Peak Power	500W
Maximum Power Voltage	38.35V
Maximum Power Current	13.04A
Open Circuit Voltage	45.55V
Short Circuit Current	13.91A
Cell Efficiency	≥23.2%
Module Efficiency	≥21.0%
Output Power Tolerance	0~+5W
Operating Temperature	-40℃~+85℃
Maximum System Voltage	1500VDC (IEC)
Maximum Series Fuse Rating	25A
Nominal Operation Cell Temperature	45±2℃
Temperature Coefficient of Pmax	-0.35%/℃
Temperature Coefficient of Voc	-0.27%/℃
Temperature Coefficient of Isc	+0.048%/℃
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm hailstone at the speed of 23m/s
Standard Test Conditions	AM1.5, 1000W/m ² , 25℃
Front Glass	Tempered glass, 3.2mm in thickness
Frame	Anodized aluminium alloy
Junction Box	≥IP68
Output Cables	300mm
Connector	MC4
Module Dimension	2094×1134×35mm
Module Weight	26.1kg
Packaging	31pcs/pallet
Product Certificates	TUV, CE, CQC,IEC



