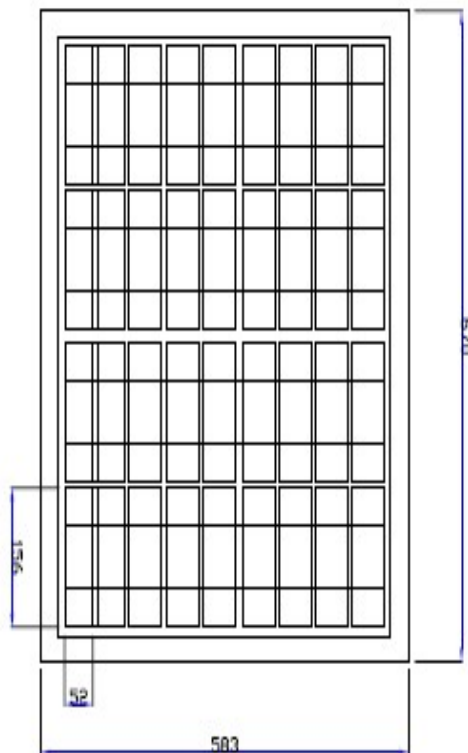


Botian LTD

50 Watt Photovoltaic Module Spec

Maximum power (Wp)	50W
Maximum power voltage (V)	17.2
Maximum power current (A)	2.91
Number of cells (Pcs)	36 (4*9)
Size of module (mm)	530*670*35
Maximum system voltage (V)	1000
Temperature coefficients of Isc (%)	+0.1/°C
Temperature coefficients of Voc (%)	-0.38/°C
Temperature coefficients of Pm (%)	-0.47/°C
Temperature coefficients of Im (%)	+0.1/°C
Temperature coefficients of Vm (%)	-0.38/°C
NOCT (°C)	48±2
Temperature Range	-40°C ---80°C
Surface Maximum Load Capacity	60m/s (200kg/sq.m)
Weight per piece (kg)	6.5
Junction Box Type	PPO, black
Connectors and Cables Type	4mm2
Length of Cables (mm)	600
Cell Size(mm)	156*52
Cell Efficiency (%)	16.8
Watt tolerance (%)	± 5%
Frame (Material, Corners, etc.)	Anodized Aluminum Alloy
Glass	High transmissivity low-iron 3.2 mm toughened glass
Standard Test Conditions	AM1.5 100MW/c m ² 25°C
Warranty	2 years for the whole product, for the power, 90% for 10 years, 80% for 25 years.
FF (%)	≥74.3%



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