

Solar Module (MTS 305M-24V – MTS 310-24V)

Model Number	MTS 305M-24V	MTS 310M-24V
Solar cell(156*156mm)	Mono	Mono
Maximum power (Wp)	305Wp	310Wp
Maximum power voltage (V)	36.60	36.70
Maximum power current (A)	8.34	8.45
Open circuit voltage (V)	45.10	45.20
Short circuit current (A)	8.85	8.96
Cell Efficiency (%)	17.8%	18%
Module Efficiency (%)	14.9%	15.15%
Number of cells (Pc's)	72(6*12)	
Size of module (mm)	1956x992x50mm	
Maximum system voltage (V)	1000V	
Temperature coefficients of Isc (%)	+ 0.065/°C	
Temperature coefficients of Voc (%)	-0.346/°C	
Temperature coefficients of Pm (%)	-0.488/°C	
Temperature coefficients of Im (%)	+0.1/°C	
Temperature coefficients of Vm (%)	-0.38/°C	
Temperature Range	-40°C——+80°C	
Surface Maximum Load Capacity	60m/s(200kg/m ²)	
Allowable Hail Load	steel ball fall down from 1m height	
Weight per piece (kg)	23	
Junction Box Type	PV-RH0301(TUV)	
Connectors and Cables Type	With TUV certificate	
Length of Cables (mm)	1300 mm	
Output tolerance (%)	+/-3%	
Frame (Material, Corners, etc.)	Aluminum	
Standard Test Conditions	1000 w/m ² AM1.5 25°C	
Warranty	5 years product warranty and 10years 90% + 25years 80% of power output	
FF (%)	≥72%	
Certificate	CE TUV IEC 61215 IEC 61730	
Quantity of one 20ft container	210 pcs	