

Solar Module (MTS 180M-24V – MTS 200M-24V)

Model	MTS180M-24V	MTS185M-24V	MTS190M-24V	MTS195M-24V	MTS 200M-24V
Solar cell(125*125mm)	Mono	Mono	Mono	Mono	Mono
Maximum power (Wp)	180Wp	185Wp	190Wp	195Wp	200Wp
Maximum power voltage (V)	36.36	36.40	36.42	37.4	38.1
Maximum power current (A)	4.95	5.08	5.22	5.22	5.26
Open circuit voltage (V)	43.64	43.80	43.90	44.80	45.00
Short circuit current (A)	5.45	5.47	5.49	5.75	5.79
Cell Efficiency (%)	16.75%	17.30%	17.50%	18.25%	18.7%
Module Efficiency (%)	14.10%	14.50%	14.90%	15.3%	15.7%
Number of cells (Pc's)	72(6*12)				
Size of module (mm)	1580x808x35mm				
Maximum system voltage (V)	1000V				
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				
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)	15				
Junction Box Type	PV-RH0301(TUV)				
Connectors and Cables Type	With TUV certificate				
Length of Cables (mm)	900mm				
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%				
Certificates	CE TUV IEC 61215 IEC 61730				
Quantity of one 20ft container	364pcs				