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Solar Panel Guide Specification Data Sheet

**Modultec GmbH & Co. KG
MTS 210-220P-24V
MTS 210P-24V**

Also available on the web at
EnergyPal.com/modultec-gmbh-co-kg-solar-panels/mts-210p-24v

Solar Module (MTS 210P-24V- MTS 220P-24V)

Model Number	MTS 210P-24V	MTS 215P-24V	MTS 220P-24V
Solar cell(156*156mm)	Poly	Poly	Poly
Maximum power (Wp)	210Wp	215Wp	220Wp
Maximum power voltage (V)	28.75	29.00	29.00
Maximum power current (A)	7.30	7.41	7.58
Open circuit voltage (V)	36.00	36.00	36.30
Short circuit current (A)	7.99	8.10	8.10
Cell Efficiency (%)	14.40%	14.7%	15.10%
Module Efficiency (%)	12.1%	12.4%	12.7%
Number of cells (Pc's)	60(6*10)		
Size of module (mm)	1652x992x50mm		
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)	17		
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%		
Certificate	CE TUV IEC 61215 IEC 61730		
Quantity of one 40ft container	560pcs		