

MLTSOLAR ALL IN ONE SPECS
FULL RANGE 45W-240W in 5W steps



MLTSOLAR

Special **non-reflecting glass** offers a daily production increase of 3% compared to a module of equivalent power using standard glass.

The combination of **Tempered Glass / EVA / Tedlar** ensures weight minimisation, guaranties a perfect watertightness as well as durable protection of the cells.

The aluminium frame allows an effortless handling and an easy and fast assembly.

Each module is submitted to an **individual quality control** and is referenced by an assessment sheet of its performance tests.



Typical power (W)	45	50	55	60	65	70	75	80
Operating voltage (V)	17.4	17.6	17.8	18.0	17.4	17.6	17.8	18.0
Current at operating voltage (A)	2.6	2.8	3.1	3.3	3.8	4.0	4.2	4.5
Short circuit current (A)	2.9	3.1	3.4	3.6	4.2	4.4	4.6	4.8
Open circuit voltage (V)	21.5	21.7	22.0	22.2	21.5	21.7	22.0	22.2
Minimum power (W)	40	45	50	55	62.5	67.5	72.5	75
Maximum system voltage	715V				715V			
Maximum modules in series	25 modules				25 modules			
Maximum series fuse	5A				8A			
Application class to IEC/EN 61730	Class A				Class A			
Module weight	5.8kg				7.8kg			
Current temperature coefficient	+1.76mA/°C				+2.64mA/°C			
Voltage temperature coefficient	-77.4mV/°C				-77.4mV/°C			
Power temperature coefficient	-0.46%/°C				-0.46%/°C			

Typical power (W)	70	75	80	85	90	70	75	80	85	90
Operating voltage (V)	17.3	17.5	17.7	17.9	18.1	17.3	17.0	17.3	17.7	18.0
Current at operating voltage (A)	4.1	4.3	4.6	4.8	5.0	4.1	4.4	4.6	4.8	5.0
Short circuit current (A)	4.5	4.7	4.9	5.1	5.3	4.5	4.7	4.9	5.1	5.3
Open circuit voltage (V)	21.5	21.6	21.8	22	22.2	21.5	21.6	21.8	22	22.2
Minimum power (W)	67.5	72.5	75	82.5	87.5	67.5	72.5	77.5	82.5	87.5
Maximum system voltage	715V					715V				
Maximum modules in series	25 modules					25 modules				
Maximum series fuse	8A					8A				
Application class to IEC/EN 61730	Class A					Class A				
Module weight	7.8kg					15kg				
Current temperature coefficient	+1.53mA					+1.53mA				
Voltage temperature coefficient	-76.32mV/°C					-76.32mV/°C				
Power temperature coefficient	-0.43%/°C					-0.43%/°C				

Above specifications at STC: 1000W/m² - AM 1.5 – Cell temperature 25°C

Measuring uncertainty 5%, including 3% uncertainty on the reference module tested by an internationally certified laboratory.

MLT DRIVES



Typical power (W)	115	120	125	130	135	140	150	160	170	180
Operating voltage (V)	17.5	17.6	17.7	17.8	17.9	18.0	33.9	34.7	35.5	36.2
Current at operating voltage (A)	6.7	6.9	7.2	7.4	7.6	7.8	4.4	4.6	4.8	5.0
Short circuit current (A)	7.7	7.8	7.9	8.0	8.1	8.2	4.7	5.0	5.2	5.4
Open circuit voltage (V)	21.7	21.8	21.9	22.0	22.1	22.2	42.6	43.2	43.8	44.4
Minimum power (W)	112.5	117.5	122.5	127.5	132.5	137.5	145	155	165	175
Maximum system voltage	715V						715V			
Maximum modules in series	25 modules						12 modules			
Maximum series fuse	12A						8A			
Application class to IEC/EN 61730	Class A						Class A			
Module weight	12kg						16kg			
Current temperature coefficient	+4.4mA/°C						+1.53mA/°C			
Voltage temperature coefficient	-77.4mV/°C						-152.64mV/°C			
Power temperature coefficient	-0.46%/°C						-0.43%/°C			

Typical power (W)	170	180	190	200	210	200	210	220	230	240
Operating voltage (V)	26.1	26.3	26.5	26.7	26.9	29.3	29.5	29.7	29.9	30.1
Current at operating voltage (A)	6.6	6.9	7.2	7.5	7.8	6.9	7.2	7.5	7.8	8.0
Short circuit current (A)	7.5	7.6	7.8	8.0	8.2	7.6	7.8	8.0	8.2	8.3
Open circuit voltage (V)	32.4	32.5	32.7	32.9	33.1	35.9	36.2	36.5	36.8	37.0
Minimum power (W)	165	175	185	195	205	195	205	215	225	235
Maximum system voltage	1000V						1000V			
Maximum modules in series	24 modules						21 modules			
Series fuse	12A						12A			
Application class to IEC/EN 61730	Class A						Class A			
Module weight	18kg						19kg			
Current temperature coefficient	+4.4mA/°C						+4.4mA/°C			
Voltage temperature coefficient	-116.1mV/°C						-129.0mV/°C			
Power temperature coefficient	-0.46%/°C						-0.46%/°C			

Above specifications at STC: 1000W/m² - AM 1.5 – Cell temperature 25°C

Measuring uncertainty 5%, including 3% uncertainty on the reference module tested by an internationally certified laboratory.

All sizes in monocrystalline or polycrystalline

MLT DRIVES

