

## ELECTRICAL RATING

	TE505				TE755			
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			

	TE850					TEX850				
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				

	TE1300					TE1700				
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				

	TE2000					TE2200				
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				

*Value prone to evolution / valeurs sujettes à évolutions / Werte können geändert werden / Valores sujetos a cambios*

### Above specifications at STC: 1000W/m<sup>2</sup> - AM 1.5 – Cell temperature 25°C

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

Incertitude de mesure 5%, dont 3% dus au module de référence qualifié par un laboratoire international certifié.

Messunsicherheit 5%, einschließlich einer Toleranz von 3% des Referenzmoduls eines internationalen und anerkannten Testlabors.

Incertidumbre de medida del 5%, del cual 3% se debe al módulo de referencia calificado por un laboratorio internacional certificado.