



* STC irradiance of 1000w/m2, spectrum AM 1.5 and cell temperature of 25 ° C

Model	Pm(W)	Tolerance	Imp(A)	Vmp(V)	Isc(A)	Voc (V)	Module Efficiency
IMTE220-M125-96	220	0/+3%	4.58	48	5.01	58.8	13.12%
IMTE225-M125-96	225	0/+3%	4.65	48.3	5.11	59	13.42%
IMTE230-M125-96	230	0/+3%	4.74	48.5	5.19	59.1	13.72%
IMTE235-M125-96	235	0/+3%	4.81	48.8	5.27	59.2	14.02%
IMTE240-M125-96	240	0/+3%	4.89	49	5.35	59.5	14.32%
IMTE245-M125-96	245	0/+3%	4.98	49.2	5.43	59.7	14.62%
IMTE250-M125-96	250	0/+3%	5.05	49.5	5.51	59.8	14.92%
IMTE255-M125-96	255	0/+3%	5.12	49.8	5.59	60.2	15.22%
IMTE260-M125-96	260	0/+3%	5.19	50.1	5.67	60.5	15.51%

Mechanical Data	
Cell Type	Monocrystalline 125 × 125 mm / 5 × 5 inches
Cell Arrangement	96 (8 x 12)
Typical Applications	24V DC
Dimensions (L x W x H)	1590 x 1064 x 45 mm / 62.6 x 41.9 x 1.77 inches
Weight (kg/lbs)	20 kg / 44 lbs
Module Structure	Glass / EVA / Backsheet (white)
Front Glass Thickness	3.2 mm / 0.13 inches
Application Class	Class A at IEC 61730
Junction Box Rating	IP65
Cables	900 mm / 4 mm ² - 35.4 inches / 0.006 inches ²
Connector Type	MC4 compatible
Fire Rating Class	Class C
Maximum Ratings	
Operating Temperature	-40°C to +85°C
Maximum Load Capacity	Snow - 5400 Pa / Wind - 2400 Pa
Maximum System Voltage	600V DC (UL) / 1000V DC (IEC)
Maximum Series Fuse Rating	15A
Number of Diodes / Busbars	4 / 2
Maximum Cell Efficiency	5" Mono / 18.6 %