

Energetica Photovoltaic module E-1700M

Pure Austria. Pure Energy.
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Product properties

Photovoltaic module "made in Austria!"
Production in the house
5 years product warranty
25 years efficiency warranty on 80 % of the module power

78 monocrystalline, pseudo square solar cells (125x125 mm)
 High transmission glass, 3,2 mm
 White Tedlar®-foil, EVA
 Double chamber aluminium frame
 Kitani-connection cables
 Waterresistant junction box safety class IP 65
 Dimensions junction box: B 94 x H 100 x T 21 mm
 Temperature range from -40°C to +85°C
 Optical, mechanical and electrical module control during the production
 Max. System voltage: 700V



Type	E-1700M 155	E-1700M 160	E-1700M 165	E-1700M 170	E-1700M 175	E-1700M 180	E-1700M 185	E-1700M 190
Nom. power [W _{peak}]	155	160	165	170	175	180	185	190
Max. output value tolerance [%]	+10/-5							
Open circuit voltage [V]	47,4	47,56	47,06	47,06	47,63	47,83	48,08	48,25
Operating voltage [V]	38,57	38,57	38,57	38,57	38,59	38,59	38,63	39,35
Operating current [A]	4,03	4,16	4,28	4,41	4,54	4,68	4,79	4,83
Short-circuit current [A]	4,93	4,96	4,99	5,06	5,14	5,21	5,32	5,33
Nom. Cell temperature [°C]	43							
Cell efficiency [%]	12,72	13,13	13,54	13,95	14,36	14,77	15,18	15,59
Module efficiency [%]	11,47	11,84	12,21	12,58	12,95	13,32	13,69	14,06
Dimensions(mm) BxLxH	795x1700x46							
Weight (kg)	16							
Temperatur- koeffizient V _{oc}	-0,35%/°C							
Temperatur- koeffizient P _{max}	-0,46%/°C							
Temperatur- koeffizient I _{sc}	+0,06%/°C							

This measurements are valid on standard test conditions STC
 (Airmass AM 1,5; radiation of 1000W/m²; cell temperature 25°C)



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Technical data.
 Specifications are subject to change without prior notice.