



MILLENNIUM ELECTRIC Photovoltaic (PV) Modules

Millennium's photovoltaic modules offer industry-leading performance, durability, and reliability for a variety of electrical power requirements. Using breakthrough technology, these modules use a textured cell surface to reduce reflection of sunlight and structure to improve conversion efficiency. An anti-reflective coating provides uniform blue color and increases the absorption of light in all weather conditions. Designed to withstand rigorous weather conditions, a junction box is also provided for easy electrical connections in the field, making Millennium's modules the perfect combination of advanced technology and reliability. Millennium also offers a variety of other modules not included in the list above, please contact us for details.

Type	Pmax (Wp)	Power tolerance	Module efficiency (%)	Cell efficiency (%)	Length (mm)	Width (mm)	Thickness (mm)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)	Cell Size and Type	Cells per Module
MIL-PV-170W-M02	170 Wp	+ -5%	13.3	15.1	1580	808	35	44.5	5.12	35.9	4.74	Mono-Crystalline 5"	72
MIL-PV-175W-M02	175 Wp	+ -5%	13.7	15.55	1580	808	35	44.8	5.17	36.0	4.86	Mono-Crystalline 5"	72
MIL-PV-180W-M02	180 Wp	+ -5%	14.1	16	1580	808	35	45.0	5.20	36.0	5.00	Mono-Crystalline 5"	72
MIL-PV-185W-M02	185 Wp	+ -5%	15.1	16.4	1580	808	35	44.5	5.5	36.8	5.15	Mono-Crystalline 5"	72
BOB MIL-PV-195W-M03	195Wp	+ -5%	15.3	17.33	1580	808	40	48.61	5.7	36.1	5.57	Mono-Crystalline 5"	72
BOB MIL-PV-210W-M03	210Wp	+ -5%	16.44	18.66	1580	808	40	49.34	5.71	37.35	5.62	Mono-Crystalline 5"	72
MIL-PV-200W-M02	200Wp	+ -5%	13.4	15.22	1494	1000	45	33.0	8.19	26.7	7.49	Mono-Crystalline 6"	54
MIL-PV-205W-M02	205Wp	+ -5%	13.7	15.6	1494	1000	45	33.1	8.26	26.8	7.65	Mono-Crystalline 6"	54
MIL-PV-210W-M02	210Wp	+ -5%	14.1	16	1494	1000	45	33.2	8.32	26.9	7.81	Mono-Crystalline 6"	54
MIL-PV-200W-M01	200Wp	+ -5%	13.4	15.22	1494	1000	45	32.8	8.24	26.9	7.44	Poly-Crystalline 6"	54
MIL-PV-205W-M01	205Wp	+ -5%	13.7	15.6	1494	1000	45	32.9	8.35	27.0	7.60	Poly-Crystalline 6"	54
MIL-PV-210W-M01	210Wp	+ -5%	14.1	16	1494	1000	45	33.0	8.48	27.1	7.75	Poly-Crystalline 6"	54
MIL-PV-215W-M02	215Wp	+ -5%	13.0	14.72	1652	1000	50	36.5	7.95	29.9	7.20	Mono-Crystalline 6"	60
MIL-PV-220W-M02	220Wp	+ -5%	13.3	15	1652	1000	50	36.6	8.10	30.0	7.34	Mono-Crystalline 6"	60
MIL-PV-225W-M02	225Wp	+ -5%	13.6	15.41	1652	1000	50	36.8	8.16	30.1	7.48	Mono-Crystalline 6"	60
MIL-PV-230W-M02	230Wp	+ -5%	13.9	15.75	1652	1000	50	36.9	8.31	30.2	7.62	Mono-Crystalline 6"	60
MIL-PV-235W-M02	235Wp	+ -5%	14.2	16.1	1652	1000	50	37.0	8.42	30.3	7.76	Mono-Crystalline 6"	60
MIL-PV-240W-M02	240Wp	+ -5%	14.5	16.43	1652	1000	50	37.1	8.52	30.3	7.92	Mono-Crystalline 6"	60
MSS-MIL-PVT-320W-M02	320Wp	+ -5%	14.2	16.25	2199	1238	71	44.2	9.94	36.72	9.16	Mono-Crystalline 5"	144
MSS-MIL-PVT-340W-M02	340Wp	+ -5%	15.1	16.5	2199	1238	71	44.5	10.5	37	9.4	Mono-Crystalline 5"	144



**Millennium
Electric
Panels in a PV
Power stations
in Italy**

3 year for workmanship and 90/10 ; 80/25 power warranty

STC: irradiance level 1000W/m², spectrum AM 1.5 and cell temperature 25°C
Specifications and design are subject to change without notice.

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