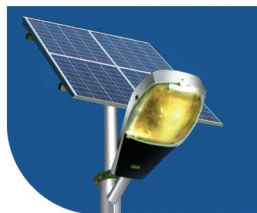
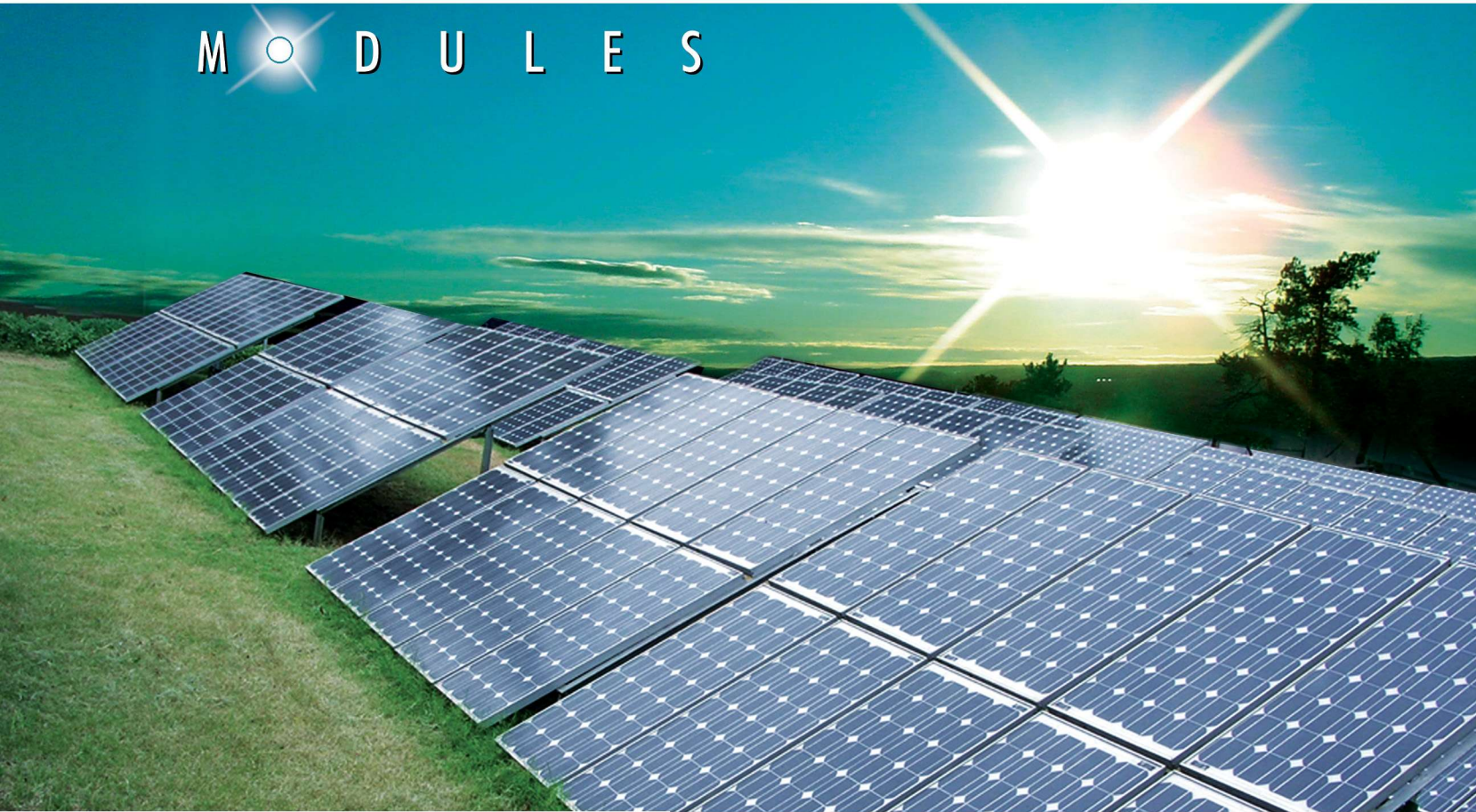


SOLAR PV



M O D U L E S



CRYSTALLINE SILICON SOLAR PHOTOVOLTAIC (SPV) MODULE

Available Size : 3Wp to 250Wp

Main Features :

1. Chloride Photovoltaic Module uses the best available technology and raw materials.
2. White tempered glass (thickness 3.2/4.0mm) and EVA resin with back sheet provide maximum protection from severe environmental conditions.
3. High torsional strength and corrosion resistant anodised aluminium frame provide maximum structural strength and ease of installation.
4. Available for DC 12V, 24V system.
5. Output lead wire terminal with water proof connector for higher wattage modules.

6. 25 years* limited warranty on power output :

- a) Assured 90% of rated output in 10 years less negative tolerance.
- b) Assured 80% of rated output in 25 years less negative tolerance.

7. All modules comply with MNRE Govt. of India, IEC 61215 & EN 61730 specifications.

Applications :

Solar Lantern • Solar Home Light • Solar Street Light
• Off Grid Solar Power
Solar Power Pack/Generator • Solar Power Plant • Grid
Connected Power System
Solar Pump • Office Building Solar Power System • Solar
Village • Telecom Solar Power • Traffic Signal



Available size of solar pv module with electrical parameters under stc

Model	RATED POWER Pmax (Watt)	RATED VOLTAGE Vmax (Volt)	Open circuit Voltage Voc (Volt)	Short Circuit Current Isc (Amp)	Model	RATED POWER Pmax (Watt)	RATED VOLTAGE Vmax (Volt)	Open Circuit Voltage Voc (Volt)	Short Circuit Current Isc (Amp)
CIL I2000	3	8.20	10.50	0.39	CIL I2125	125	17.00	21.00	7.57
CIL I2005	5	17.00	21.00	0.31	CIL I2130	130	17.00	21.00	7.87
CIL I2010	10	17.00	21.00	0.62	CIL I2135	135	17.00	21.00	8.18
CIL I2015	15	17.00	21.00	0.94	CIL I2140	140	17.00	21.00	8.36
CIL I2020	20	17.00	21.00	1.25	CIL I2145	145	17.00	21.00	8.54
CIL I2025	25	17.00	21.00	1.56	CIL I2150	150	36.50	43.00	4.36
CIL I2030	30	17.00	21.00	1.82	CIL I2155	155	36.50	43.00	4.50
CIL I2035	35	17.00	21.00	2.12	CIL I2160	160	36.50	43.00	4.71
CIL I2040	37	17.00	21.00	2.24	CIL I2165	165	36.50	43.00	4.86
CIL I2045	45	17.00	21.00	2.73	CIL I2170	170	36.50	43.00	5.01
CIL I2050	50	17.00	21.00	3.03	CIL I2175	175	36.50	43.00	5.15
CIL I2055	55	17.00	21.00	3.33	CIL I2180	180	36.50	43.00	5.30
CIL I2060	60	17.00	21.00	3.63	CIL I2185	185	36.50	43.00	5.45
CIL I2065	65	17.00	21.00	3.94	CIL I2190	190	36.50	43.00	5.59
CIL I2070	70	17.00	21.00	4.24	CIL I2195	195	36.50	43.00	5.74
CIL I2075	75	17.00	21.00	4.54	CIL I2200	200	36.50	43.00	5.89
CIL I2080	80	17.00	21.00	4.85	CIL I2205	205	30.00	36.00	7.24
CIL I2085	85	17.00	21.00	5.15	CIL I2210	210	30.00	36.00	7.42
CIL I2090	90	17.00	21.00	5.45	CIL I2215	215	30.00	36.00	7.60
CIL I2095	95	17.00	21.00	5.75	CIL I2220	220	30.00	36.00	7.77
CIL I2100	100	17.00	21.00	6.06	CIL I2225	225	30.00	36.00	7.95
CIL I2105	105	17.00	21.00	6.36	CIL I2230	230	30.00	36.00	8.13
CIL I2110	110	17.00	21.00	6.66	CIL I2235	235	30.00	36.00	8.30
CIL I2115	115	17.00	21.00	6.97	CIL I2240	240	30.00	36.00	8.48
CIL I2120	120	17.00	21.00	7.27	CIL I2250	250	30.00	36.00	8.83

Tolerance : $\pm 3\%$ on electrical parameters tested under STC

Temperature co-efficient : Voc : (-) 0.34%/K, Isc : (+) 0.03%/K, Pmax : (-) 0.48%/K



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