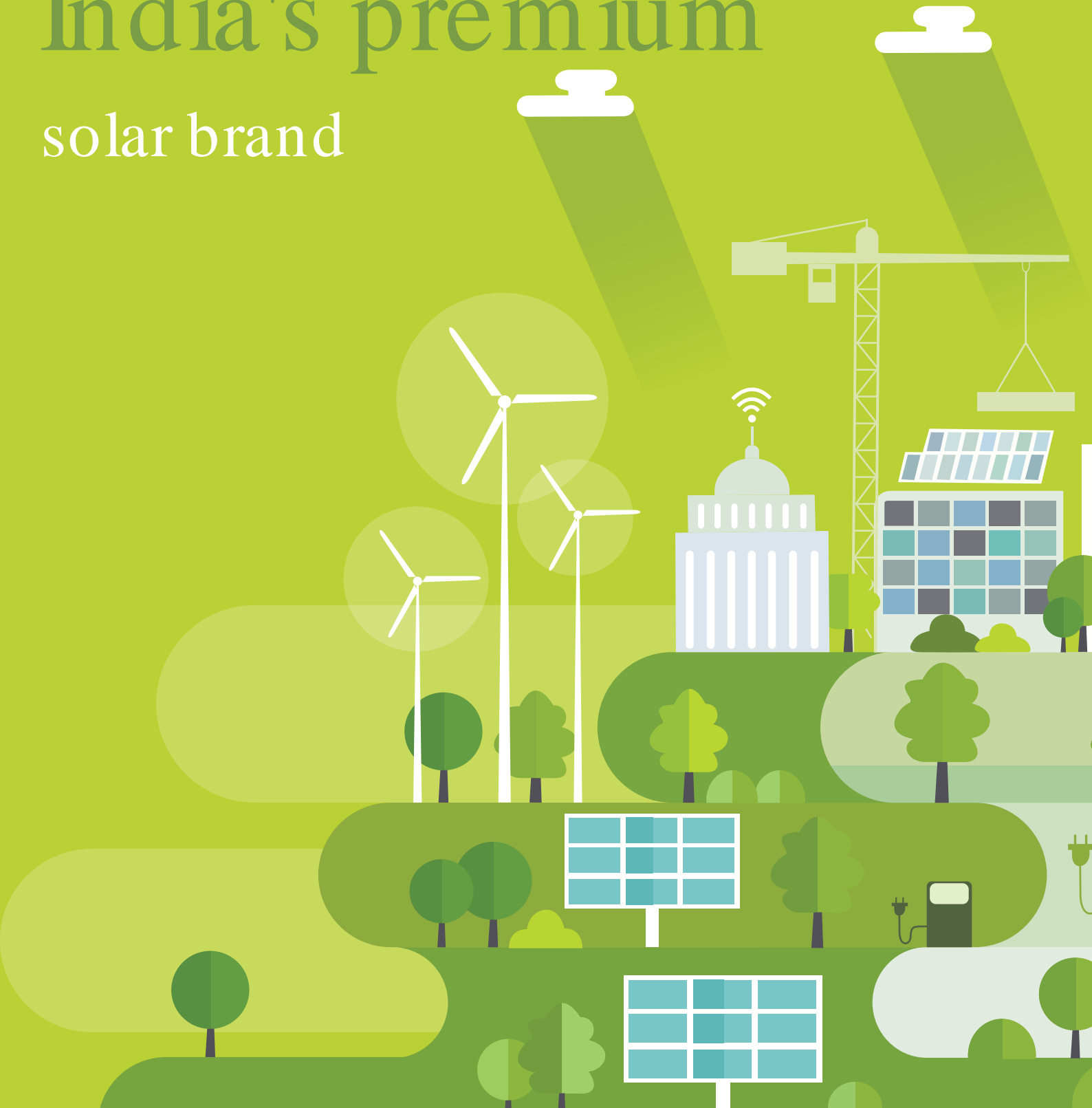




Loom Solar

India's premium
solar brand



Why us.

It is India's premium solar brand store that sells solar system across India solar companies through Online and Retail stores. It is recognized as startup by government of India. It is started by ex-Luminous executive and the growing brand presence of Loom solar is recognized in leading news websites such as Business today, India Today, PV Magazine and YourStory. It is an ISO 9001: 2015 certified organization for caring customers. Loom solar has made more than 1000 homes solar powered across 700 cities in India.

Featured in



Our Credentials

1 website visitors

1 crore+ potential markets

10 top solar brands

200+ solar products

27 states of service

200+ People team



Solar Photo Voltic Panels



Advantage :

- 25 years performance warranty on 80 % output power
- 0 ~5% positive power tolerance
- monocrystalline panels which works in low light / cloudy weather



IP67 Waterproofness Junction Box
Innovative Full-Glue-Filled



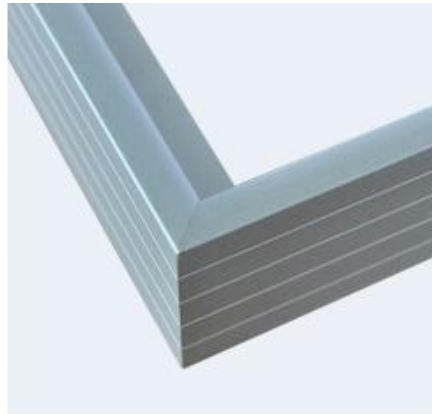
4mm² DC cable with MC4
connectors, 500N Tensile Strength



22% Higher Efficiency, **5BB** Cells 93
Fingers PV Cells. **Anti-Pid**



12% Ultra Clear Tempered Glass.
30% Lower Reflection



120N Tensile Strength Frame
110% Seal-lip Design Glue Injection



Waterproof technical levels

Technical #	Solar PV panel ratings								
Power (watts)	10	20	40	50	120	160	180	320	340
Mono Crystalline Cells				yes	yes		yes		yes
Voltage(Vmp/V)	19.25	19.25	19.25	20	19.95	19.19	19.95	38.47	34.48
Current(Imp/A)	0.52	1.04	2.08	2.25	6.02	8.34	9.03	8.32	8.84
Short Circuit Current(Isc/A)	0.55	1.11	2.85	2.4	6.36	8.84	9.31	8.82	9.31
Open Circuit Voltage(Voc/V)	22.5	22.5	22.5	23.36	23.26	22.54	23.26	45.2	44.91
Module Eff-ciency(%)	10	12.7	13.5	15.74	17.7	16.15	18.17	16.45	17.49
Weight (kg)	1	2.5	3	3	7.6	11	11	22	22
Dimensions (mm)	255 x 350 x 22	450 x 350 x 22	430 x 665 x 35	430 x 665 x 35	1020 x 665 x 35	1490 x 665 x 35	1490 x 665 x 35	1965 x 990 x 40	1965 x 990 x 40
MRP (rs.)	1000	2500	4000	2400	4900	10000	12500	18000	25000

STC : Irradiance 1000W/m², Cell Temperature 25° C, Air Mass M1.5

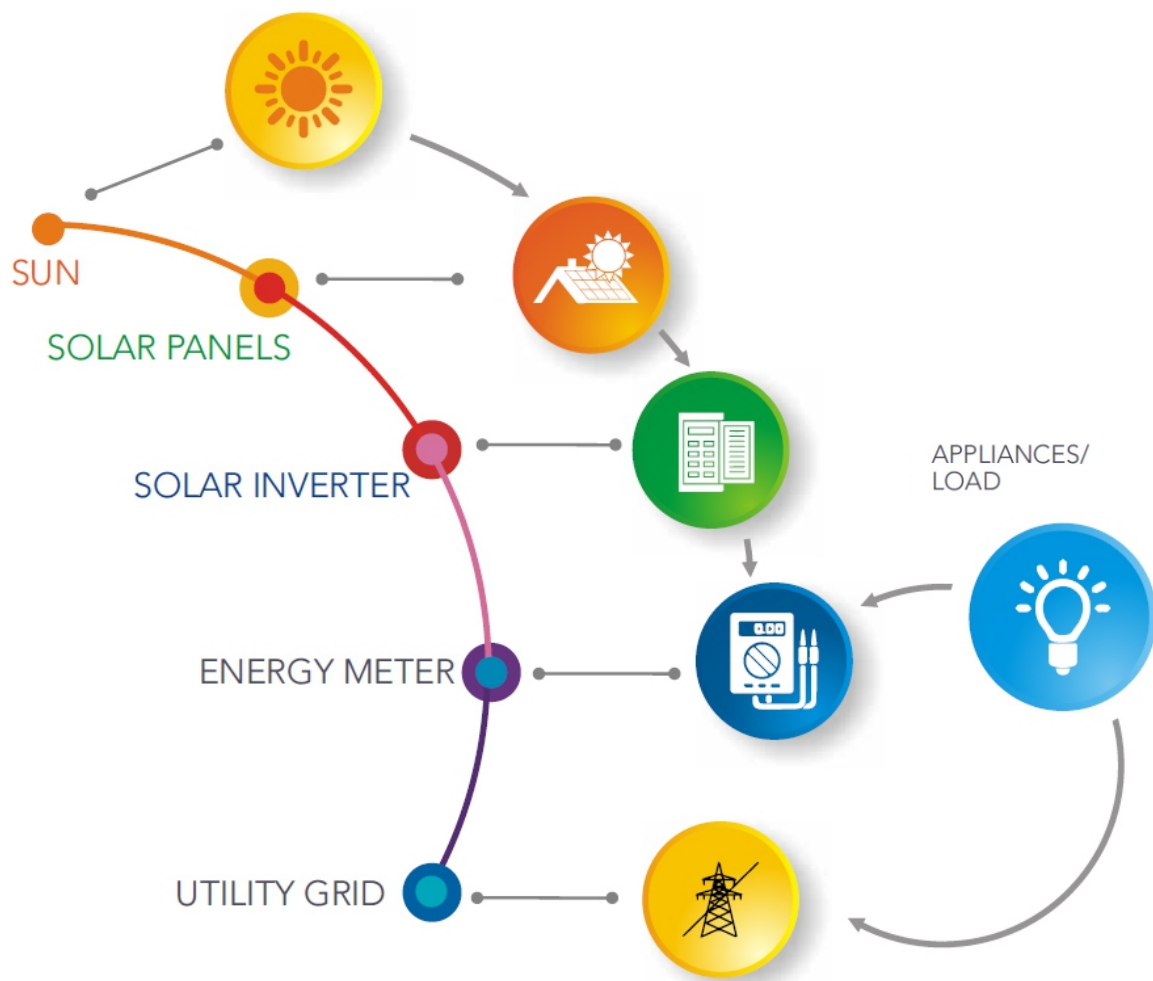
On-grid solar system

These system generates power during the day which is utilized in Running home appliance such as Air conditioners, Refrigerator, Fans, Light and Television etc.

Purpose : To save electricity bill spent on running home appliance during the day.

Drawbacks : Does not come with backup, system does not work when there is a power cut.

How on grid solar system works:



Advantage :

- Generate power for your home and sell access electricity to state government.
- 5 years payback time and free electricity for next 20 years.
- Zero maintenance during life cycle of power plant.