

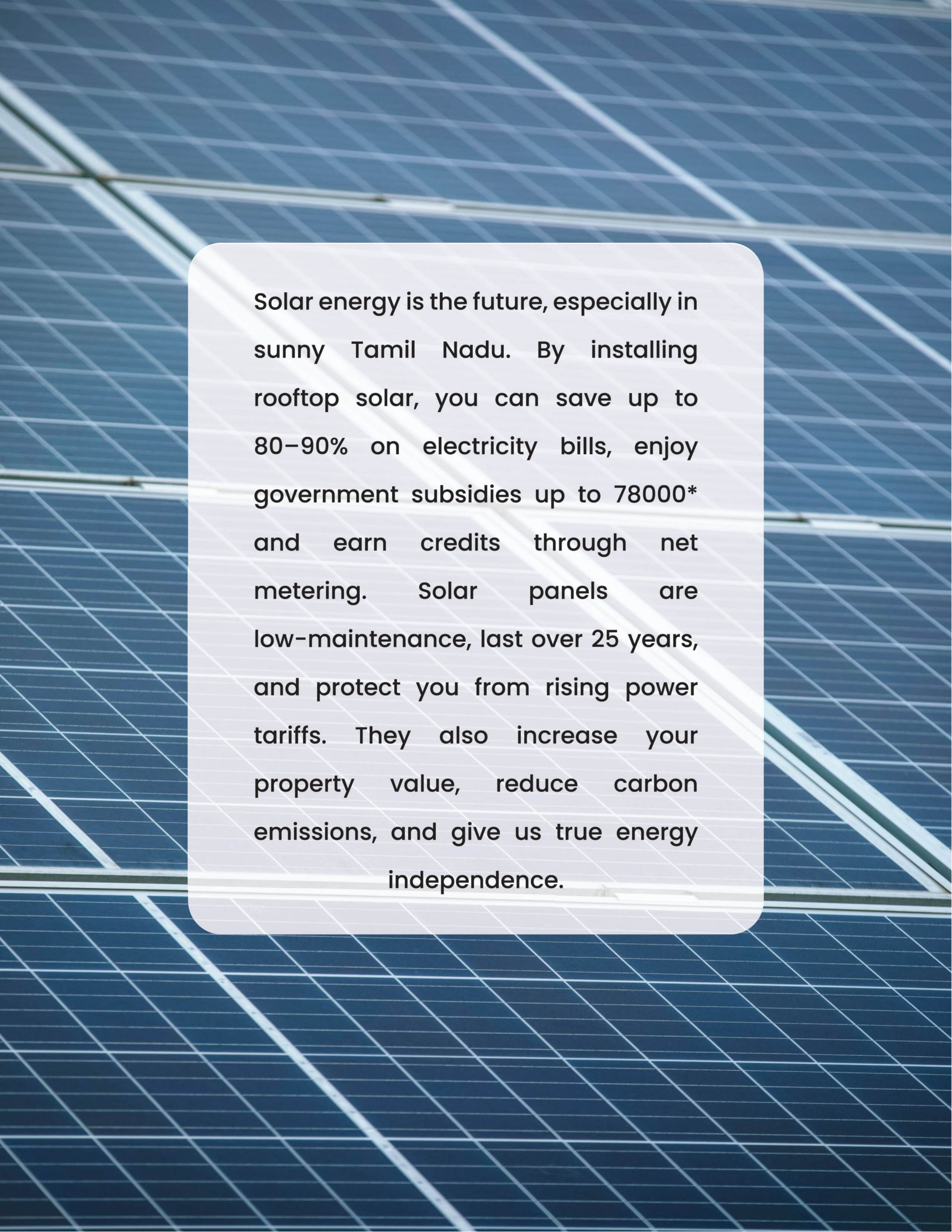
FOR **30** YEARS

REDUCE YOUR
EB BILL UPTO **90%** 



S O L A R





Solar energy is the future, especially in sunny Tamil Nadu. By installing rooftop solar, you can save up to 80–90% on electricity bills, enjoy government subsidies up to 78000* and earn credits through net metering. Solar panels are low-maintenance, last over 25 years, and protect you from rising power tariffs. They also increase your property value, reduce carbon emissions, and give us true energy independence.

Tamil Nadu's Favourite Store



James & Co

Electronics, Home Appliances, Mobile & More...

Now offers **Solar Solutions**



Since **1987**
38 Years of Legacy

Lowest EMI Providers

World class
Shopping Experience

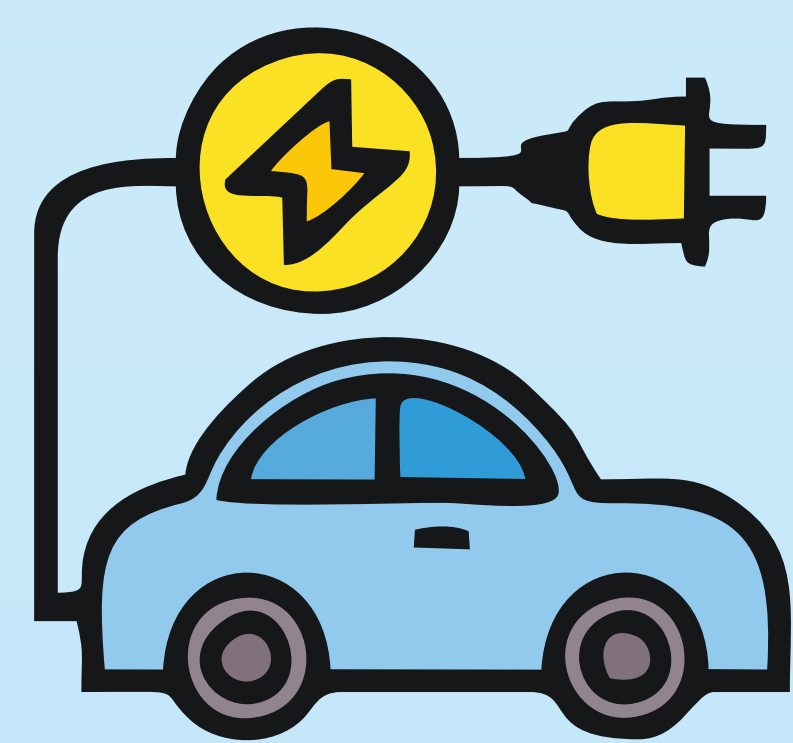
One Stop Shop

Power consumption chart for appliances

Home appliances vary sign significantly in their power consumption. Factors like appliance type, usage patterns, and energy efficiency all play a role in determining How much electricity they use. Generally appliances like refrigerators, air conditioners, water heaters and heating appliances tend to consume the most energy in a house hold.

Appliance	Power Consumption (Watts)	Average Usage (Hours/Day	Daily Energy Consumption (kWh)
Refrigerator	225	24	5.4
Washing Machine	500	1	0.5
Dishwasher	1200	1	1.2
Air Conditioner	2000	8	16
Electric Oven	2500	1	2.5
Television	100	5	0.5
Microwave	1200	0.5	0.6
Water Heater	4500	2	9
Ceiling Fan	75	6	0.45
Laptop	50	8	0.4
Total	12350	56.5	37 approx

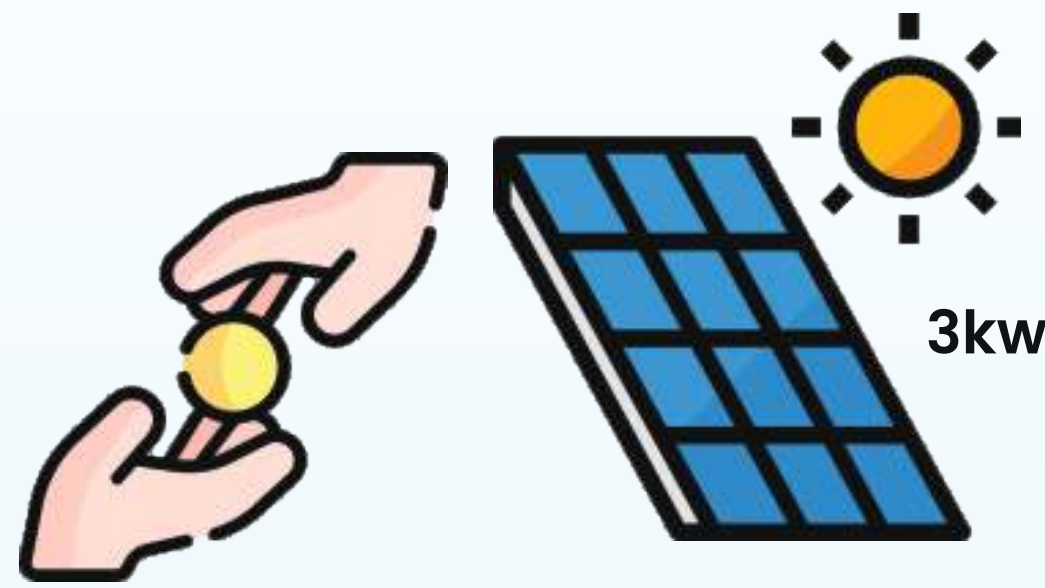
*On average, an electric car consumes about 0.15 kWh per kilometer.



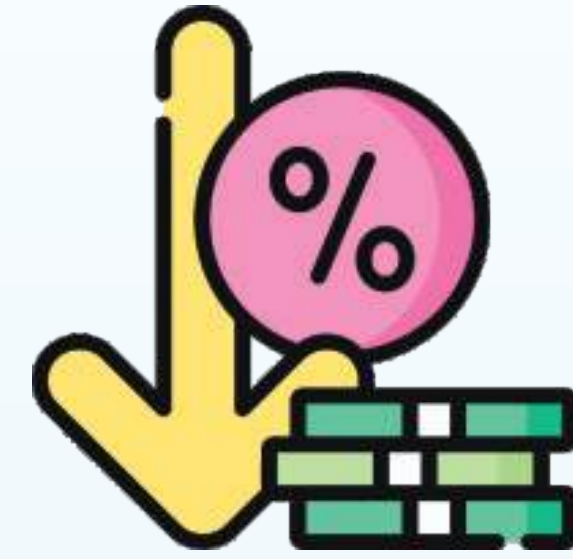
What solar brings to you



Solar systems designed for commercial establishments and Industrial facilities.



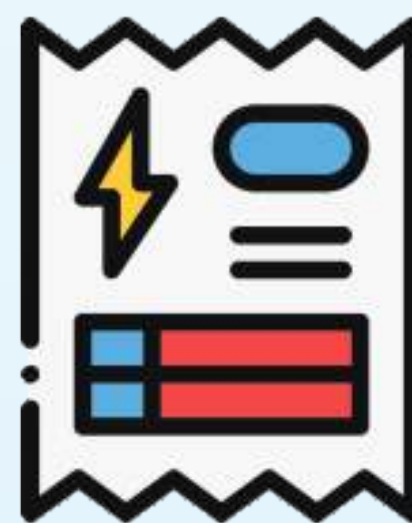
Subsidy of up to Rs. 78,000 is offered for installations of 3 KW and above which will be credited to the consumer's nationalized bank account



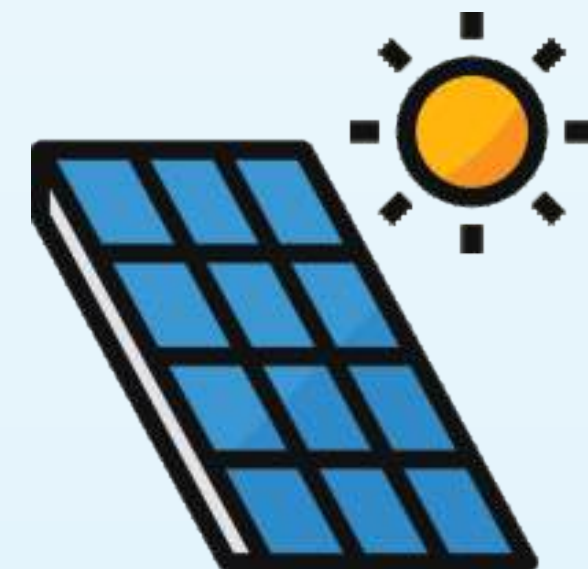
Low-interest loans available from all nationalize banks at just 7%



The system is designed for a 30-year power generation period with low-maintenance costs.



Excess units generated are credited against monthly electricity bills



Each KW is assured to generate at least 1500 units annually



Immediate approval for installations within 10 km radius.



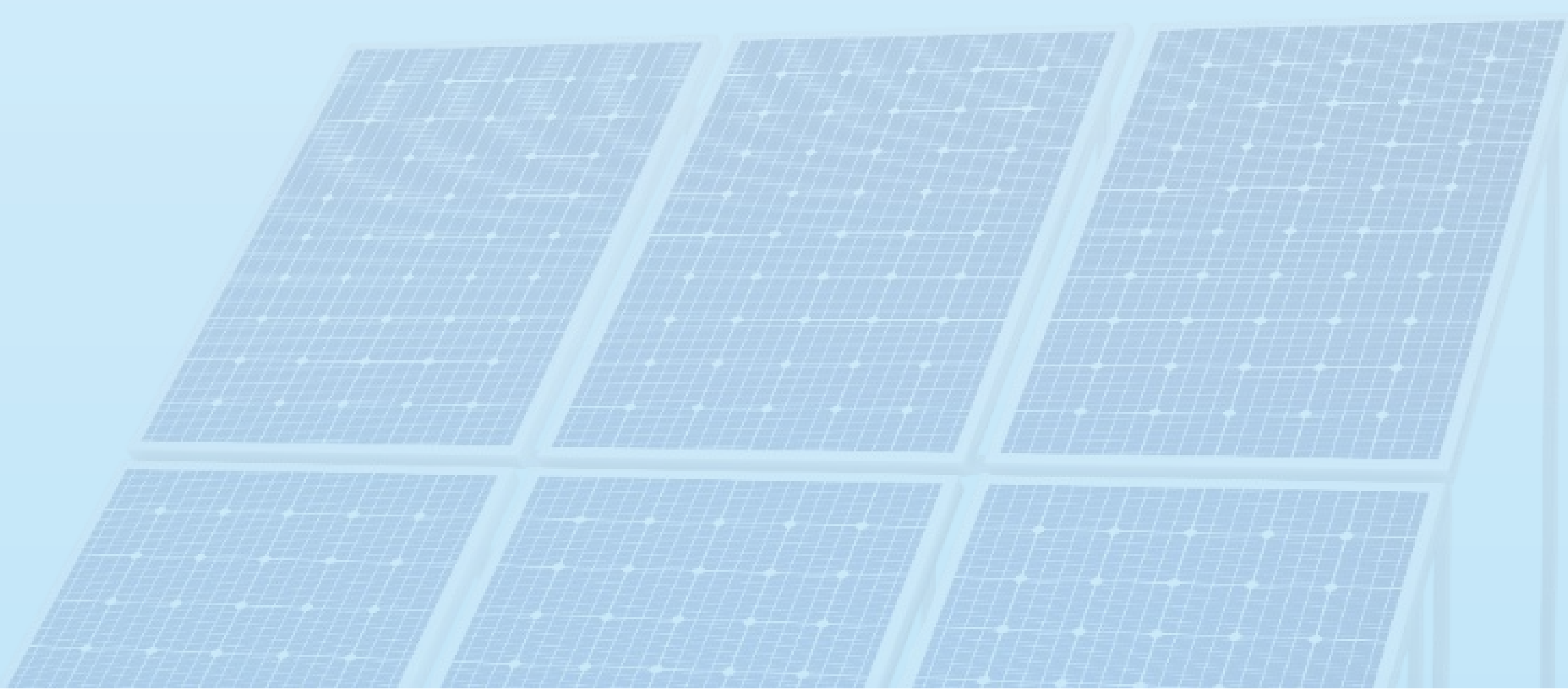
Installations carried out exclusively by registered solar vendors



Five-year guaranteed free maintenance provided by certified vendors



ROI in 5 years with free power generation starting from the 6th year



Lighting Arrester

DCDB Box

DCDB is connected directly to the solar panels, where it receives the DC Power generated by the panels.

DC Wire

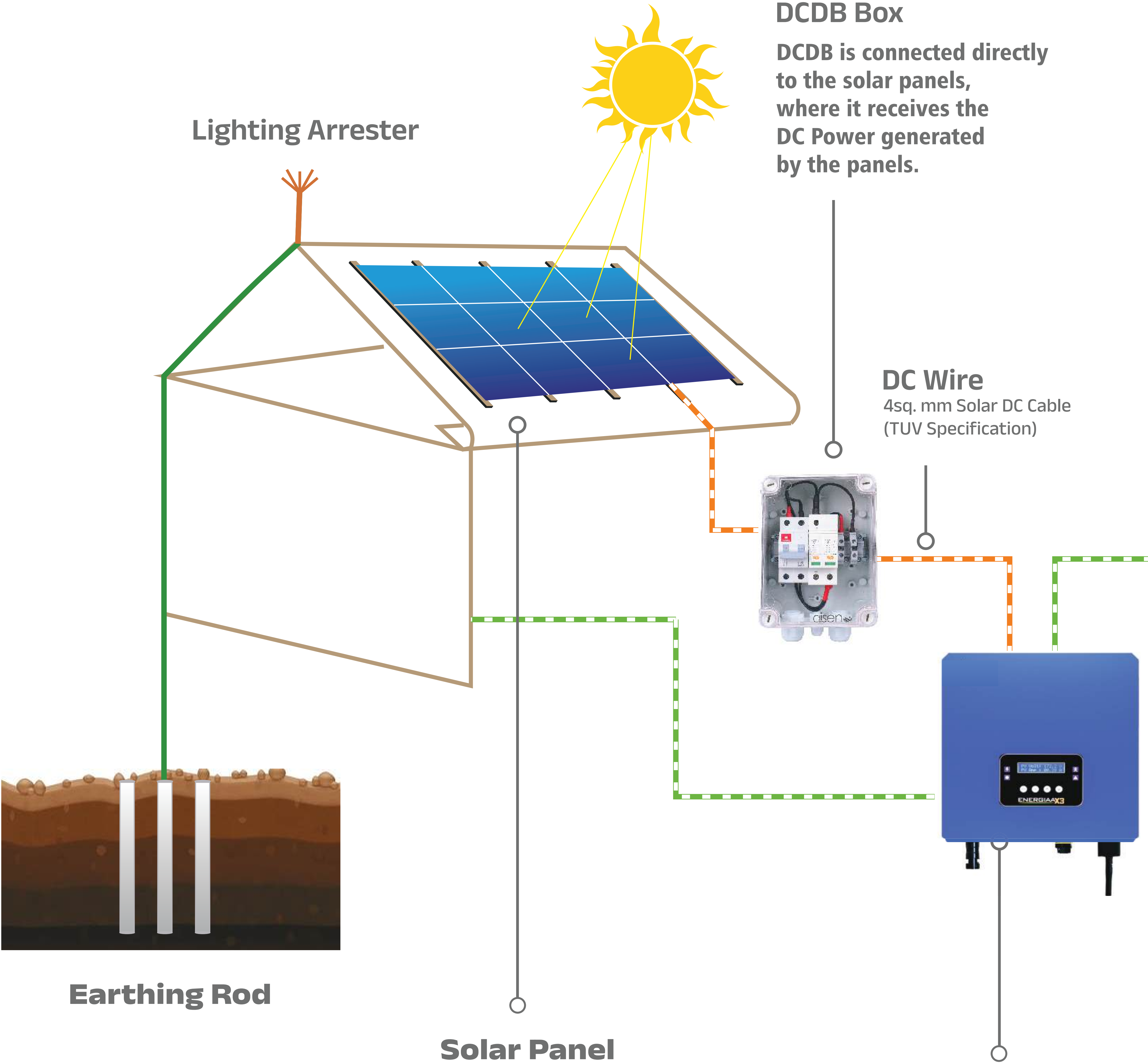
4sq. mm Solar DC Cable (TUV Specification)

Earthing Rod

Solar Panel

Solar Inverter

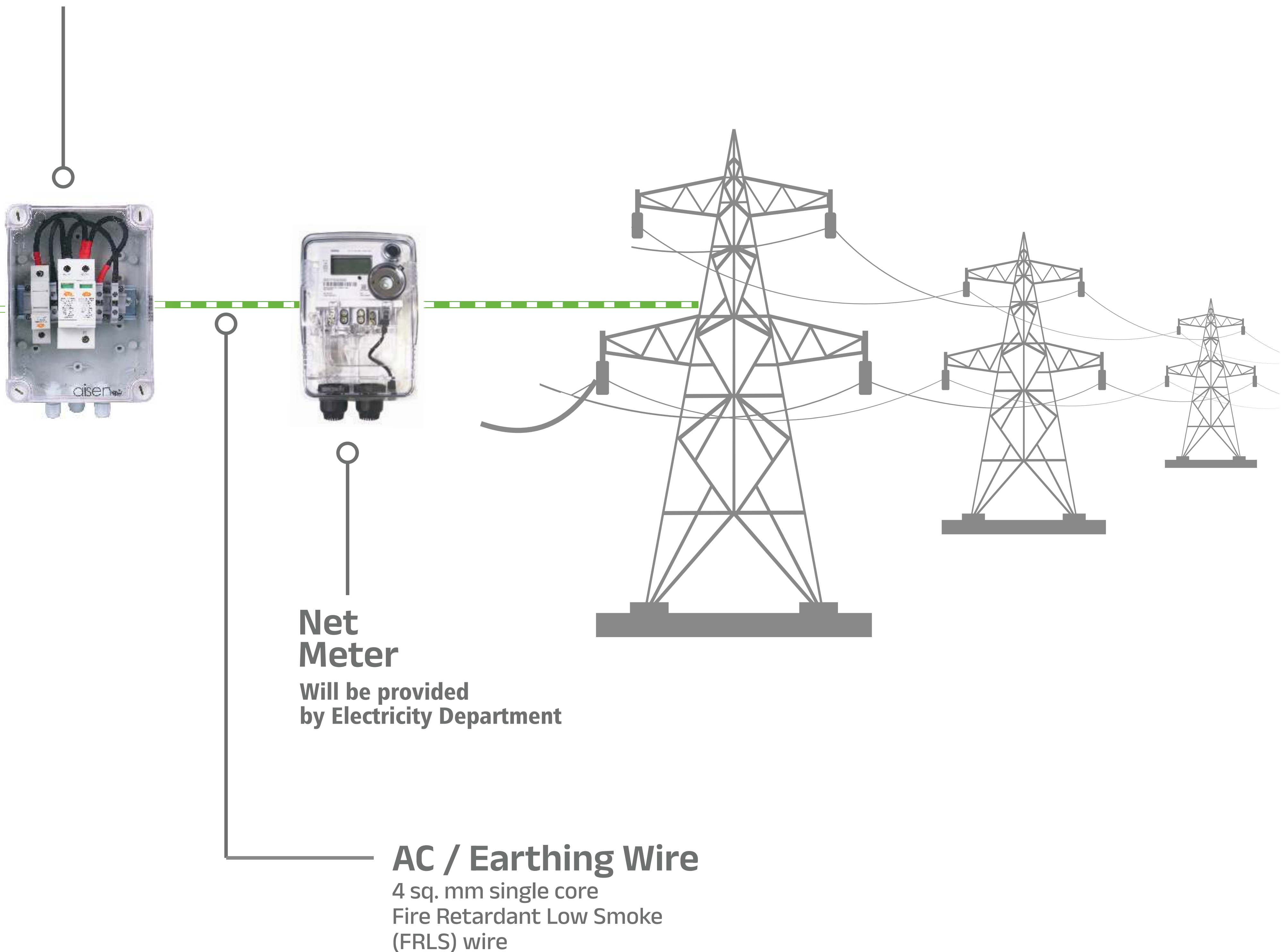
ON-GRID
SOLAR INVERTER



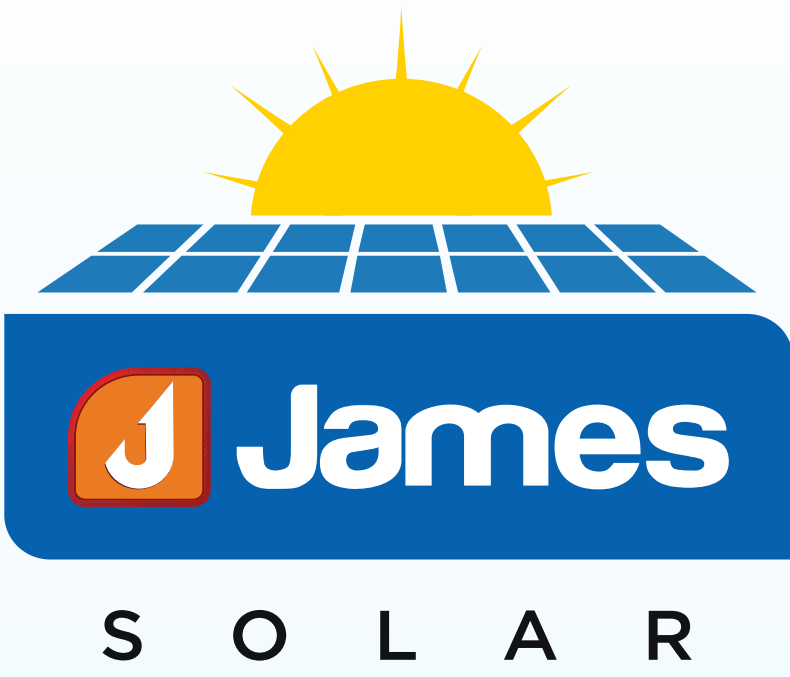
Know the Kit Product
















ACDB Box

ACDB is connected to the output of the inverters, where it receives the AC power generated by the solar plant's inverter.



Quality Products from Top Brands



① Solar Panel				
② Solar Inverter				
③ ACDB Box				
④ DCDB Box				
⑤ DC / AC Earthing Wire				
⑥ Structure – Gi Hot Dip				



Solar Panel



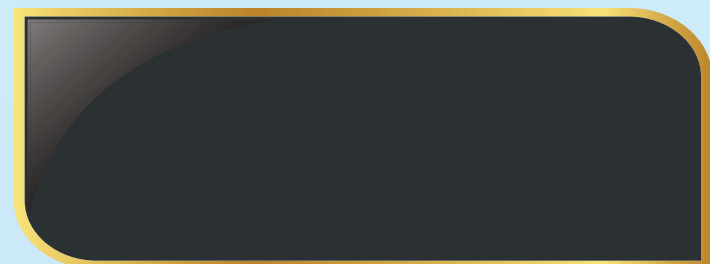
AMC Including
Cleaning Panel



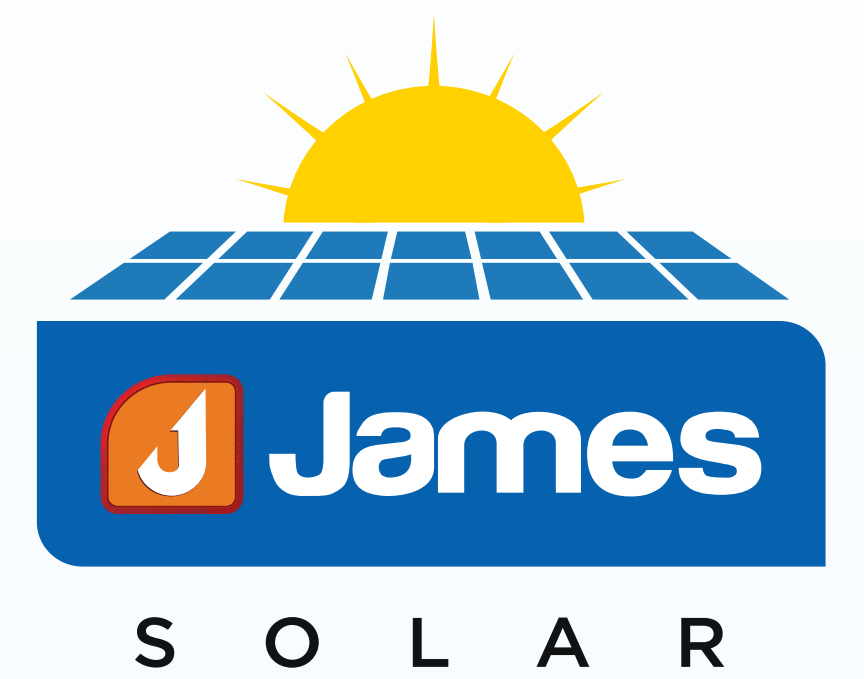
Solar Inverter



ACDB Box
DCDB Box



**Tamilnadu's most
affordable Solar Solutions**



Why James Solar?

- Upto ₹78000 Govt Subsidy
- 38 years of Retailing and Customer Service
- 160+ Showrooms across Tamil Nadu and Puducherry
- Faster Delivery and Installation
- Solar in Easy EMI with Bank Loan
- EMI lesser than your Power Bill
- Upto 30 years performance warranty for Solar Pane
- 8 – 10 Years warranty for Inverters
- 5 Years Free Solar Panel Maintenance

FREE



SITE VISIT



PROCESSING



CONSULTATION

Savings from 100 KW of Solar (for Factory/Institution)



SOLAR POWER GENERATION & SAVINGS CHART (COMMERCIAL)

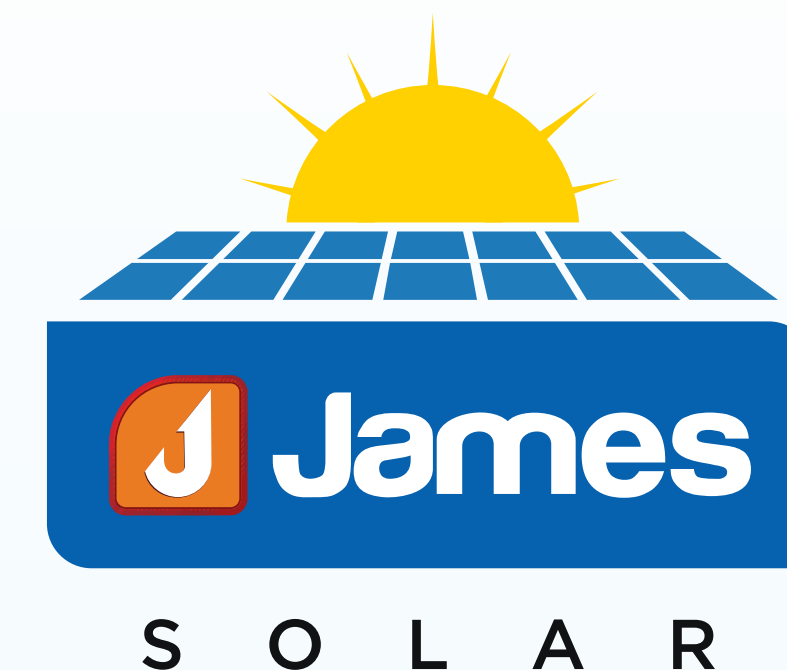
Solar Capacity	100 KW
Power Gen./day @ 4.5 Units	450
Power Gen./month in Units (26 Days)	11,700
Power Saving per Month @Rs. 10 / Unit	₹ 1,17,000
Power Saving Per Year (12 Months) in Rs.	₹ 14,04,000
Customer Price	₹ 40,00,000
Benefit over 360 Months @Rs. 117000 per month	₹ 4,21,20,000*

FOR LOAN CUSTOMER

Customer Price	₹ 40,00,000
Down Payment - 20%	₹ 8,00,000
Net Loan Amount	₹ 32,00,000
(NL) EMI Per Month (5 Yrs)	₹ 67,990
Interest Rate %	10%
Net Savings / Month	₹ 49,010
Benefit over 60 Months @Rs. 49,010 per month	₹ 29,40,600
Benefit over 300 Months @Rs. 117000 per month	₹ 3,51,00,000
Total Benefit	₹ 3,80,40,600*
GST Input at 13.8% on Customer Price	₹ 4,85,062
Net Investment after GST input	₹ 35,14,938
Tax saving on depreciation in First year	₹ 4,21,793
Tax saving on depreciation in Second year	₹ 2,53,076
Tax saving on depreciation in Third year	₹ 1,51,845
Net Investment after Depreciation & GST Input	₹ 26,88,225
Pay Back Period of System in Years	1.91

*These figures are indicative under suitable weather conditions & performance.

Savings from 3.3 KW of Solar (for Residence)



SOLAR POWER GENERATION & SAVINGS CHART (RESIDENTIAL)

Solar Capacity	3.3 KW 1 Phase
Power Gen./day @ 4.5 Units	14.85
Power Gen./month in Units (30 Days)	445.5
Power Saving@Rs. 6.5 / Unit	2896
Customer Price	₹ 2,10,000
Central Subsidy	₹ 78,000
Net Cost	₹ 1,32,000
Benefit over 360 Months @Rs. 2896 per month	₹ 10,42,560*

FOR LOAN CUSTOMER

Down Payment - 10%	₹ 21,000
Gross Loan (GL) Amount	₹ 1,89,000
Central Subsidy	₹ 78,000
Net Loan Amount	₹ 1,11,000
(NL) EMI Per Month (10 Yrs)	₹ 1,289
Interest Rate %	7%
Net Savings / Month	₹ 1,607
Benefit over 120 Months @Rs. 1607 per month	₹ 1,92,840
Benefit over 240 Months @Rs. 2896 per month	₹ 6,95,040
Total Benefit	₹ 8,87,880*

*These figures are indicative under suitable weather conditions & performance.

A **James & Co** BRAND

38

Years of
Legacy

175+

Stores across
TN & Pondy

-
- Easy EMI • Quality products • Immediate delivery
 - Fastest Installation • Complete Peace of mind

Solar Solutions for



Let's have a talk  **80001 12232**
9150060773

JAMES SOLAR SOLUTIONS