

SOLAR FOOD TRUCK

APPLICATION NOTE



OBJECTIVE OF USING SOLAR ON FOOD TRUCKS

1. Run your electrical loads like lights, exhaust fans, blenders, induction cookers on solar so as to reduce your dependence on electricity and reduce your diesel generator costs (if applicable)
2. Be truly mobile, go where the crowd goes and have the freedom to park and sell your goods anywhere without the worry of power supply.
3. Increase your hours of operation by adopting solar power which can power your establishment through the night using special solar grade batteries.
4. Solar panels can be used effectively as a branding tool to attract more footfall using innovative promotional methods.

CASE STUDY

Problem Statement:

Food truck owners are dependent on power for running various electrical loads needed to operate a food truck. However, the lack of reliable electric power supply and the need to be mobile at events are posing a challenge to food truck owners. Either they have to carry a generator or have to settle for a location which provides them with power supply. The former constitutes a high operating cost while the latter poses problems with government authorities.

Solution:

Solar panels were installed on the food truck. These panels were used to charge the batteries which in turn powered all the electrical loads. The system can be designed for different appliances based on the requirement.

INSTALLATION IMAGE



COSTING ESTIMATES

BASIC SYSTEM		
Electrical Load	Quantity	Hours of backup
LED Lights	2 nos	6 hours
Exhaust Fan	1 nos	6 hours
Mobile charging point	1 nos	6 hours

PREMIUM SYSTEM		
Electrical Load	Quantity	Hours of backup
LED Lights	2 nos	6 hours
Exhaust Fan	1 nos	6 hours
Mobile charging point	1 nos	6 hours
Fridge/Freezer	1 nos	6 hours

**All prices specified are indicative and will vary depending on raw material costs, electrical loads etc. The prices are ex Vasco and exclusive of taxes that maybe be applicable at the time of sale. Price is inclusive of installation.

**For quotes and orders, contact us on
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