

# Advantages of Solar Cool Cold Shed

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## **1. Runs on renewable source of energy.**

Our Cold Shed runs entirely on solar energy, which is a very important factor in protecting the environment as well as reducing the operating cost to a minimum. Solar energy is available in large amount in India, and it is free of cost.

## **2. Reduces post harvest losses.**

As we know post harvest losses are a major problem in front of India, Cold Shed is an optimum product for tackling this issue. Cold Shed is compact in size, can be installed anywhere whether it is on farm level or at the retailers end. It can also be installed on trucks and trolleys for transportation purposes.

## **3. Prevents loss of crops due to lack of refrigeration.**

Refrigeration is required to increase the life of any crop or food products. The uneven distribution of our cold chain system in India is not sufficient to tackle the issue of loss of crops especially at the farm level. Cold Shed can be the optimum answer to this problem.

## **4. Maintains variable temperature settings.**

Different products have different temperature requirements to increase their shelf life; our product maintains different temperature range. It acts as a multi commodity refrigerated system.

## **5. Increases profit of farmers.**

Prevention of crop loss automatically increases the profit ratio of the farmers. It is estimated that a farmer loses 20-22 percent profit due to crop loss, our product can help the farmers gain maximum profit.

## **6. Can keep food products fresh for days.**

Keeping food in proper refrigerated environment keeps it fresh and hygienic for days, Cold Shed is an ideal substitute to keep food fresh for days.

**7. In case of cloudy conditions have an alternate option of grid connectivity.**

Cold Shed is equipped to run on alternate grid supply or generators in case there are cloudy conditions, especially in rainy seasons, to avoid any kind of damage to the produce kept inside Cold Shed.

**8. Eco-friendly, no CFC emission, protects environment.**

Protecting environment is one of the social responsibilities which should be followed by everyone, and we truly believe in this ideology, Cold Shed is hundred percent environmental friendly using renewable source of energy for its working and without any kind of CFC's emission.

**9. Can be useful in other areas like dairy products, Medicines, sea foods, etc.**

Refrigeration is required in various industries including agriculture, our product is not only useful in agriculture but it can also be used in other areas like Medicines, Sea Food, Dairies, Paint Industry, etc.

**10. Whether resistant- designed with secure fastening to a sub-structure like a concrete base.**

**11. Its modular construction renders it ready for easy transportation, speedy installation and commissioning even in remote or hilly areas.**

**12. Protects crop investment.**

Farmer invests money for seeds, fertilizers manpower etc all these investments are lost if crops are damaged or lost due to lack of refrigerated storage. Our product helps to reduce this loss, turning it into profit, increasing the income level of farmers.