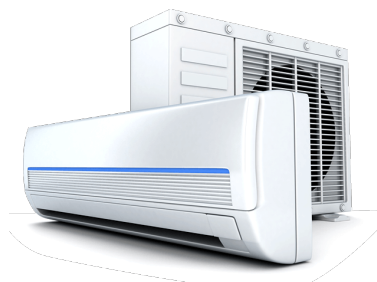


SUSTAINABLE COOLING SOLUTIONS

— POWERED BY
SOLAR ENERGY



DC appliances



iChill Air conditioners
& Cold Rooms



iFreez Freezer rooms &
Chest Freezers



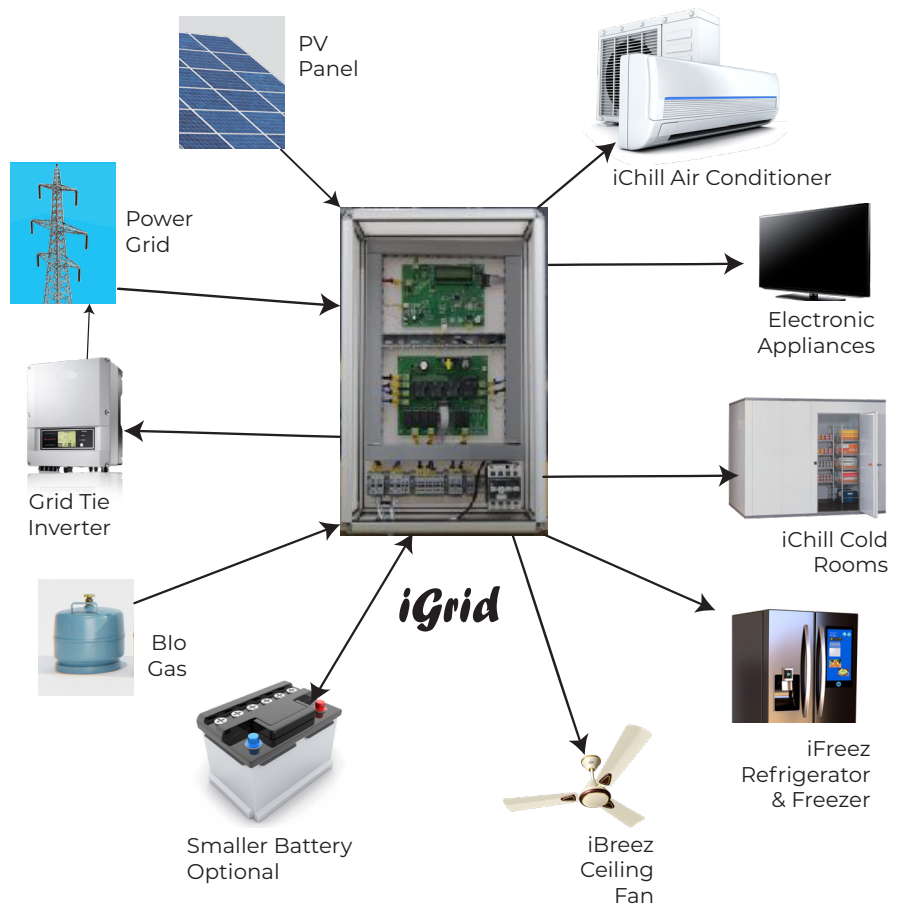
iBreez
Ceiling Fans

Usage

- ◆ Dairy, Poultry, Fisheries & Animal Husbandry
- ◆ Cold rooms for Fruits, Vegetables & Flowers
- ◆ Primary Health Centres
- ◆ Vaccination Centres for Humans & Animals
- ◆ Walk-in Cold Room in Pharma Industry

◆ Our Solutions – Energy efficient appliances with Solar Energy

- ◆ Solar Panels
- ◆ Smart controller for energy management
- ◆ Integrate with Bio-Gas, DG & Batteries
- ◆ Energy Efficient DC Appliances



◆ DC Solution - Features



Can work as Off grid or ON grid. Excess RE power Can be stored in battery or fed to the grid



50% reduction in CAPEX due to Absence of Inverter & Battery
Reduced RE Power plant rating
Reduced roof top area



75% reduction in OPEX due to high efficiency

◆ DC vs AC Cooling Appliances Comparison

Appliance	AC (Watt)	DC (W)	AC (kWh)	DC (kWh)
Refrigerator 300L	150	40		
Freezer 550 L	200	50		
Aircon 1.5 Ton	1500	variable	1.2/hour	0.33/hour
Milk Chiller 550 L	200	50		
Ceiling Fan 1150 mm	55	20		



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