

Walk-in Cold Storage with Green Power

Type	: Super Efficient Walk In Cold Room
Operating Temperature	: 2 ~ 8⁰ C
Walls, Roof & Floor	: PPGI, 0.47 mm thick insulated board
Thermal Insulation	: 80 mm thick PUF with density 40 kg/m³
Room Size	: 8' x 7.5' x 7' (This can be customised)
Compressor	: Hermetically Sealed Rotary type
Cooling Capacity	: 5250 W (will change depending on the room size, 1.5 Ton)
Electronic Controls	: Basil proprietary FOC, variable speed type
Solar Operation	: Direct from PV panels
Supply	: 220 ~ 380 V DC
Stored Items	: Milk, Fruits & Vegetables, Fish, Flowers, Pharma items
Solar Power Plant	: 1.68 kW
Rooftop Area	: 10 Sq.m

Can be powered by Solar + Grid power or Solar + Biogas Power hybrid systems.

The System is IOT enabled and can be monitored & controlled remotely.

Fans, Lights, TV, Laptop, Modem & Mobile Charger can be added as per needs.

Ideal for E Commerce and connectivity to FPO & outside markets.

The above data is for 450 CFT. Other sizes in 300, 600 & 900 CFT is also available. The cooling capacity will be 3500, 7000 and 10500 W respectively. The solar power plant rating will be 1.68, 2.7 & 3.6 kW.

Biogas electric plant can be added in sites where biogas potential is available.

PV Panel



Power Grid



Biogas Generator



- **Fans & Lights**
- **TV + Set Top Box**
- **Modem**
- **PC/Laptop**
- **Mobile Charger**
- **Connectivity to**
 - **Markets**
 - **Company**
 - **FPOs**
 - **E Commerce Platforms**