

# 24V OFF GRID SOLAR POWER GENERATION SYSTEM



## OFF GRID HYBRID OPERATION INVERTER

- Pure Sine Wave 1700VA/2200VA
- 24V PWM System
- Maximum Daytime Operation Savings
- Min 660wp/Max 1650Wp Solar Panel
- Suitable for LFP Battery
- Option to Switch off Grid Charging
- Up to 98% Efficiency
- 24 Months Warranty



## LITHIUM FERRO PHOSPHATE BATTERY

- 1800WH/2400WH
- Zero Maintenance
- Inbuilt BMS for Safe & Efficient Operation
- 24V 75AH/100AH | C1 Discharge
- Fast Charging
- Advanced , Efficient and Higher Cycles than Acid Battery
- 2000 Cycles/3 Years Warranty



## POLYCRYSTALLINE SOLAR PANEL

- 330wp 2 to 5 Nos based on requirement
- 36V 72 Cells
- High Efficiency
- IP 68 Junction Box
- Bypass Diodes for reverse polarity protection
- IEC Tested Module
- 25 Years Linear Power Output Warranty & 10 Years Manufacturing Warranty

## OTHER FEATURES

- Fuse Protection for Individual DC Line
- Chemical Earthing
- MS Painted/Aluminium Structure as per roof type RCC/Sheet Roof
- High Safety Standards
- All connections through MC4
- Use Solar + Battery (up-to 50% - Changeable) in day time and keep rest of the battery as backup in-case of power cut
- Grid Charging will be done only when the battery drops below 50%
- Reduce 75% of Losses when LFP Used instead of Acid Battery

APPLICATION AREAS **Residential | Small Office | Small Commercial Establishment**

## VARIANTS

**1700VA Inverter | 660W Solar Panel | 1800WH LFP Battery**  
**1700VA Inverter | 990W Solar Panel | 1800WH LFP Battery**  
**2200VA Inverter | 1320W Solar Panel | 1800WH LFP Battery**  
**2200VA Inverter | 1650W Solar Panel | 2400WH LFP Battery**  
Refer 24V Off Grid Chart for Choosing The Suitable System



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