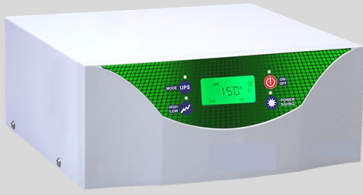


# 12V OFF GRID SOLAR POWER GENERATION SYSTEM



## OFF GRID HYBRID OPERATION INVERTER

- Pure Sine Wave 900VA/1100VA
- 12V PWM System
- Maximum Daytime Operation Savings
- Min 165wp/Max 660Wp Solar Panel
- Suitable for LFP Battery
- Option to Switch off Grid Charging
- Up to 98% Efficiency
- 24 Months Warranty



## LITHIUM FERRO PHOSPHATE BATTERY

- 600WH/900WH/1200WH
- Zero Maintenance
- Inbuilt BMS for Safe & Efficient Operation
- 12V 50AH/75AH/100AH | C1 Discharge
- Fast Charging
- Advanced , Efficient and Higher Cycles than Acid Battery
- 2000 Cycles/3 Years Warranty



## POLYCRYSTALLINE SOLAR PANEL

- 165wp 1 to 4 Nos based on requirement
- 18V 36 Cells
- High Efficiency
- IP 65 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
- DC 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 | Remote Area Setup**

## VARIANTS

**700VA Inverter | 165W Solar Panel | 600WH LFP Battery**  
**900VA Inverter | 330W Solar Panel | 900WH LFP Battery**  
**1100VA Inverter | 495W Solar Panel | 1200 LFP Battery**  
**1100VA Inverter | 660W Solar Panel | 1200 LFP Battery**  
Refer 12V Off Grid Chart for Choosing The Suitable System



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