

48V OFF GRID SOLAR POWER GENERATION SYSTEM



OFF GRID HYBRID OPERATION INVERTER

- Pure Sine Wave 3.5kVA/5kVA
- 48V MPPT System
- Maximum Daytime Operation Savings
- Min wp/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

- 3600WH/4800WH
- Zero Maintenance
- Inbuilt BMS for Safe & Efficient Operation
- 48V 75AH/100AH | C1 Discharge
- Fast Charging
- Advanced , Efficient and Higher Cycles than Acid Battery
- 2000 Cycles/3 Years Warranty



POLYCRYSTALLINE SOLAR PANEL

- 330wp 8 to 16 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

3750VA Inverter | 2640W Solar Panel | 3600WH LFP Battery
3750VA Inverter | 3960W Solar Panel | 3600WH LFP Battery
5000VA Inverter | 3960W Solar Panel | 4800WH LFP Battery
5000VA Inverter | 5280W Solar Panel | 4800WH LFP Battery
Refer 48V Off Grid Chart for Choosing The Suitable System



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