



SOLAR HITECH

## Solar Off-Grid Solutions

*24x7 standalone solar power  
with no cuts*

### Why Invest in Solar PV Off Grid



#### Stable and Reliable Power

24 hr electricity availability without dependence on grid power



#### Long Life & Low Maintenance Asset

25 years performance warranty and low maintenance costs



#### Eliminate Other Fuel Costs

Reduce or eliminate dependence on diesel or other fuels for backup



#### Short Payback & Tax Benefits

Recover cost of investment within a short time and realize tax, depreciation benefits

### ABOUT

Electricity from the grid is not an ever reliable source to power your homes or businesses. In rural areas, the lack of grid connectivity makes it even more difficult to run daily lives.

Solar Hitech delivers Solar PV Off-Grid Systems that provide an affordable, clean and uninterrupted source of energy that allow for critical power that can be supplied anytime, anywhere. These off-grid systems can be used for a wide range of applications starting from lighting a single bulb in a rural home to powering an entire village or ensuring uninterrupted power to urban homes or businesses.

### KEY FEATURES

- High efficiency solar PV modules to convert solar energy into DC power
- Hybrid/OffGrid inverters for conversion to AC power
- Batteries to store power for loads
- Cables, Structures and Accessories



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## Solar Power Solutions for Petrol Pumps

- Petrol pumps run huge diesel generator costs due to power cuts
- Customized petrol pump designs to provide stable power to keep pumps running all the time.
- Investment payback within 2-3 years ensures there are savings for a large portion of the product lifetime.



## Solar UPS for Homes, Hostels & Rural applications



- Essential loads for homes such as bedroom lights, fans, TV, washrooms can be powered by solar off-grid systems.
- Solar UPS can charge battery backups during day time and power essential loads at night or during power cuts
- Smart switching between grid power and solar power with efficient charging of battery loads for long life and low maintenance.
- Customized design for your home or residential application

## Solar Power for Commercial Businesses

- Reliable power for banks, hospitals, hotels and commercial showrooms
- Power mission critical components of your business with solar generated power, that never gives up on you.
- 24X7 backup power for computers, fans/air conditioning, servers, office lighting and washrooms.
- Savings on monthly electricity bills and protection against load shedding/blackouts



## The Solar Hitech Advantage

- **Dependable and Reliable technology** – We choose the best components to ensure a system that lasts long
- **Quick Installation** – Once we assess your site, we design a best-fit solution and ensure a trouble free installation
- **Trusted Service & Support** – We know the solar business and will support you through the product lifetime.