

## 60KVA FOR UREDA TEHARI

Since its establishment, ENERTECH UPS is a customer centric organization. ENERTECH is marking its presence in the fraternity since past 25 years by developing its products to cater needs of its customers for fulfilling their present and future requirements.

Over the past 25 years since its beginning, Enertech has given solutions to variety of application involving various technical challenges.

Uttarakhand State in India has a very good potential of Solar Energy as more than 300 sunny days are available per year. This potential can be tapped in a large manner for which Govt. of Uttarakhand is making its efforts. ENERTECH UPS PVT LTD has successfully taken challenge of supplying 60KVA OFF GRID SOLAR PCU with its system integrator partner for COLLECTOR OFFICE in the October month of 2013.



The supplied PCU is a MPPT based 60KVA 3Ph input – 3Ph output off grid type with 360VDC Tubular battery bank and 50KWp Solar Photovoltaic modules.

The PCU is powering entire building for their office as well as HVAC loads with uninterrupted supply.

It took 4-5 days for completing its commissioning with system integrator partner.

## 5KVA FOR PETROL PUMP



In today's era of globalization, our energy demands are continually increasing. We need to be always dependent of automotive transportation for all our needs.

Petrol pumps in rural – remote area cannot function due to frequent, irregular and unpredictable power cuts.

ENERTECH UPS PVT LTD . has successfully implemented solar assisted petrol pumps with the help of their system integrator spread across INDIA – West Bengal, Orissa, Bihar, Karnataka, Maharashtra, Tamilnadu, Andhra Pradesh, using its SUN MAGIC & ATLAS model PCU.

ENERTECH PCU can be used to support demands of petrol pumps with multiple delivery nozzles.

**System requirements:**

- **PCU: 5KVA for 2 Nozzels / 8KVA for 4 Nozzels**
- **BATTERIES: 12VDC-Tubular-8Nos**
- **Solar PV Modules: 5-8KWp**
- **Panel mounting structure**

**Advantages**

- Noise free
- Uninterrupted power supply
- No voltage fluctuations
- Can work in synchronization with Grid & DG sets
- Saves on entire day time expenditure of diesel used for DG sets
- No maintenance
- Income tax benefits
- Best solution for places with DG usage of more than 8 hrs
- Economic, Smaller, hybrid systems with battery banks
- Easily expandable
- Remote monitoring facility

## 30KVA FOR TEXTILE LOOMS

High cost of grid power and power shortages are the main hurdles for the growing textile industry. One-third of the wages that the job working units get goes toward power cost.

Solar power harvesting is the only cost effective solution to overcome the power challenge.



ENERTECH UPS PVT LTD. has successfully implemented the solution for a 25 power loom unit in association with its system integrators. The implemented solution comprises of a 30KVA solar PCU –ENERTECH ATLAS Model, VFD, solar photovoltaic modules and tubular batteries.

### **Key features:**

- Uninterrupted power supply- No dependency on Grid power
- No Voltage fluctuations
- Noise free operation
- Reduction in Power bill
- No pollution
- No Maintenance
- Eligible for attractive subsidy from banks with Lower interest rates
- Roof top of the mill can be utilized for installation of solar panels

