

## **ENERTECH UPS PVT LTD- APPLICATION NOTE**

### **SOLAR ASSISTED 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 . (a Pune- Maharashtra based company) has successfully implemented solar assisted petrol pumps with the help of their system integrator spread across INDIA using its SUN MAGIC model PCU.

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

#### **Advantages**

- Noise free
- Uninterrupted power supply
- No voltage fluctuations
- Can work in synchronization with Grid & DG sets
- Saves on day time expenditure of diesel used in 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



#### **System requirements:**

- **PCU: 5KVA for 2 Nozzels / 8KVA for 4 Nozzels**
- **BATTERIES: 12V-150AH Tubular-8Nos**
- **Solar PV Modules: 5-8KWp**
- **Panel mounting structure**

**For Trade enquiry :**

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