

3KVA UPS System

Salient Features:

3KVA UPS System Consists of:

- **IGBT PWM Technology Based True sine-wave Inverter**
- **96V100AH VRLA Tubular Gel Battery bank**
- **AC Distribution Panel for Uninterrupted AC Supply**
- **DC Distribution panel for Uninterrupted DC Supply**
- **Surge protection**
- **IP 54 Compliant Design**
- **SMPS based controller driven MOSFET based float cum boost charger with all necessary protections**
- **96V DC input, output:230V AC, 50Hz, MOSFET based inverter**
- **DCDB Compartment: Distribution of DC & AC through required MCB's for Loads**
- **Load and Line Regulation: $\pm 1\%$**
- **Ripple: $< 1\%$**
- **The suitable inverter, which converts 96V DC into 230V single phase AC**
- **Input Supply Protection & Control through MCB**
- **Output supply protection & Control: Overload, Over Voltage, Short-Circuit**
- **Indications:** Mains Presence, Battery Charging & Discharging, O/P Overload, Battery Low & Over Temperature
- **Automatic Float cum Boost operation**
- **Stabilization: Output DC supply will be stable against variations in input mains AC supply**
- **Cabinet: Charger housed in a cabinet with suitable output terminals**
- **Operating temperature: 0°C to 55°C**

