



## DATA SHEET FOR T4439ST

### **13.8Vdc 4Amp battery backed up switch mode power supply.**

The T4439ST is a boxed, ready to use, highly efficient power supply for use in intruder, access control or general PSU applications where there is a requirement to run off an internal 12V 7Ah (x2) sealed lead acid battery (not supplied) if there is a mains failure. The switch mode power supply has a continuous 13.8Vdc 4Amp output, and an additional 0.5amp output for trickle charging the standby battery.

### **Features:**

- Mains present & DC good LED (Green)
- Continuous 4Amp current to load
- Additional 0.5Amp to charge standby battery
- Front tamper circuit
- Overload, overvoltage and over current protection on dc output
- Battery discharge protection (system shut down @ 10V +/- 5%)
- Battery reverse charge protection (Fuse)



## **Technical Specification:**

Mains Supply: 176-264Vac. 50-60Hz

Mains input fuse: T2A 20mm 230v

Output Voltage: 13.8Vdc when mains present.(9.5-13.8Vdc when operating from battery)

Output Load: 4Amp

Ripple voltage: +/-1%

Efficiency: 75% minimum (measured at 230Vac and full output load)

Operating temperature: 0-40°C

Storage temperature: -20 to 70°C

Metal Box: 1mm mild steel powder coated.

Dimensions: 240(H)x330(W)x80(D)mm

## **Compliance:**

This power supply unit complies with the following European directives:

Low Voltage: 73/23/EC      EMC: 89/336/EC      WEEE: 2002/96/EC

The PSU meets the following classifications according to BSEN 50131-6: 1998\*

PSU Type                    A (when fitted with a standby battery)

Environmental:            II

