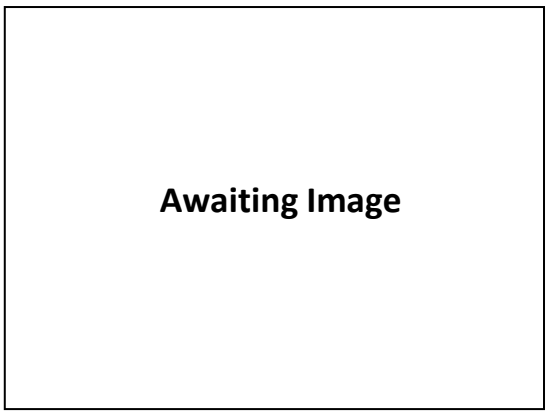

DATA SHEET FOR T4443ST

24Vdc 5Amp battery backed up switch mode power supply.

The T4443ST 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 continuous27.6Vdc 5Amp output, and an additional 0.5amp output for trickle charging the standby battery.

Features:

- Mains present & DC good LED (Green)
- Continuous 5Amp 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 @ 20V +/- 5%)
- Battery reverse charge protection (Fuse)

Technical Specification:

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

Mains input fuse: T2A 20mm 230v

Output Voltage: 27.6Vdc when mains present.(19-27.6Vdc when operating from battery)

Output Load: 5Amp

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