



# PT 135B

## AC-DC STABILIZED POWER SUPPLY Linear Technology Telecom use and General Purpose



### NEW Empowered Model for use with 100W digital radio

- Continuous service 22A h24
- Fan less
- No any noise emissions
- Detachable power cord, IEC socket
- Shuko plug standard, UK optional



New reliable and rugged **fixed voltage 13.8Vdc** power supply, **linear technology**, characterized by easy maintenance, very long operative life and **total absence of noise emission**, recommended for any radio communication applications, civil and professional.

Equipped with high insulation trafo **35A max**, it is developed and empowered to allow **continuous service h24 22A** and **25-28A for many hours** (typical situation in mostly Ham Radio stations).

Compact size and strong hardware are joined to elegant and smart design with new black colour and white lettering.

#### Great performances:

- Very low ripple
- High stability to load
- Blower less for very silent operating
- Overload and short circuit protection
- Over voltage protection over 15V
- Excellent immunity against lightning damage

#### Technical specifications

|                              |                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------|
| • Input line:                | 230V A.C. 50Hz $\pm 5\%$ ( $\pm 10\%$ max)                                                           |
| • Output voltage:            | 13.8Vdc                                                                                              |
| • Output current:            | 35A max duty cycle 50%<br>22A continuous service h24<br>25A test 5h – 28A test 2h continuous service |
| • Ripple RMS typ.:           | 3mV @ 22A - 20mV @ 28A                                                                               |
| • Load stability :           | $\pm 0,4\%$ $\pm 200\text{mV}$ typ.                                                                  |
| • Protections:               | Overload, Crow-bar over 15V<br>Input line fuse 5A                                                    |
| • Connections:               | Outlets on front panel - Input IEC socket on the rear                                                |
| • Environmental temperature: | -5° + 40°C (output specifications referred to 20°C operative)                                        |
| • Humidity:                  | 90% max not condensate                                                                               |
| • Size (mm):                 | W 185 – H 189 – D 300                                                                                |
| • Weight (kg):               | 10                                                                                                   |
| • Conformity:                | EMC 2014/30/UE, LVD 2014/35/UE, RoHs, CE mark.                                                       |