



REGULATED POWER SUPPLY

INSTRUCTION MANUAL

230Vac – 13.8Vdc

SAFETY FIRST

WARNING – TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

WATER AND ELECTRICITY DO NOT MIX. Keep this unit away from water. If other liquids are spilled on or into this unit, unplug the power cord immediately from the wall socket (with DRY HANDS) and get a qualified service technician to check it out before using. Keep this unit away from heaters, radiators and other heat producing devices.

**DO NOT ATTEMPT TO SERVICE THIS UNIT.
ONLY A QUALIFIED SERVICE TECHNICIAN SHOULD OPEN THIS UNIT FOR SERVICING.**



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing instructions) in the literature accompanying the appliance.

CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

NOTE:

This appliance must be earthed.



Please take the time to read this manual before use. Store this manual in a safe place so that it is available should you ever need it again.

REGULATED POWER SUPPLY



A range of bench top power supplies suitable for 12Vdc battery powered equipment, housed in a robust metal case with short circuit and thermal protection.

Safety Recommendations:

- Check the housing and the mains cable for damage
- For indoor use only
- Do not use the unit in humid rooms
- Do not let liquids penetrate the ventilation holes
- Do not connect devices that need higher current outputs than those specified for the unit
- Do not place the unit in warm locations (max. 30°C)
- Do not obstruct the ventilation holes or heat sink. Leave enough space around the unit to ensure sufficient ventilation
- The heat sink becomes very hot during use. Do not touch it while in use !
- Unplug the unit from the mains prior to replacing the fuse.

Operation:

- Connect the unit to be powered to the red and black terminal (red +, black -)
- The unit to be powered must not draw more current than the maximum continuous current output of the power supply in order to prevent overload.
- Plug the power supply into a wall outlet.
- Switch the unit on via the power switch. The power neon indicator will light.

Protection:

If one of the built-in protection circuits is activated, proceed as follows:

- Switch the power supply off
- Let the power supply cool down if it is hot
- Before you switch the power supply on again, check if the connected unit does not draw too much current or is faulty.
- Check the fuse when the power neon does not light up

Specifications:

All models: Input voltage 230V / 50Hz, Output voltage 13,8Vdc

| Model No. | Continuous Current | Weight |
|-----------|--------------------|--------|
| PSU651 | 2 Amps | 2.5kg |
| PSU652 | 3 Amps | 2.8kg |
| PSU654 | 5 Amps | 3.0kg |
| PSU657 | 7 Amps | 3.5kg |
| PSU660 | 9 Amps | 4.9kg |
| PSU663 | 12 Amps | 8.0kg |
| 650.667 | 15 Amps | 10.0kg |

WARNING: Do not open the case. Risk of electrical shock. Repairs should only be carried out by a qualified technician. .