Lectros L.E.D. Power Control Unit - Series 4.

Plug Pack Connection Details.

Cut to Length, separate + ve and - ve wires, strip Insulation and connect bare ends to indicated Terminals.

Positive [+] is usually coloured RED or has a coloured stripe [Red or White]

Note:
A Black Stripe is OFTEN the Negative wire. If NOT certain, verify with a multi-meter or similar.

Anode - YELLOW
Cathode - BLUE
LECTROS L.E.D. Wall Voltage Controller.

1. On Power-UP, the Unit enters SETUP-Mode for approx 20 secs. 
   In this mode -
   TOP L.e.d’s: (FLASHING). Display the present - Static Wall Charge (Voltage) 
   (Note: You should expect to see some voltage, NOT 0.00V)

   BOTTOM L.e.d’s: Display the Plug-pack Rectified DC Voltage. 
   Range should be approximately 12V - 18V.D.C.

2. At the end of SET-UP Mode, the unit changes to Source-Mode where -
   TOP L.e.d’s: Display the present – Source-Voltage Applied to the Wall. 
   0.00 - 9.99V Resolution (Increment) is 0.04V 
   BOTTOM L.e.d’s: Display the present – Source-Current Applied to the Wall. 
   00.0 - 99.5mA Resolution (Increment) is 0.5mA

3. EVERY 55secs the unit switches to Read OUT-Mode, where -
   TOP L.e.d’s: Display the LAST actual Static Wall Charge (Voltage) reading. 
   N.B.: The ACTUAL Static Wall Charge (Voltage), is Read ONCE every 24hrs, Live-Read Mode. 
   The process takes app 6 seconds and the TOP L.e.d’s will Flash to Indicate it is in Progress. 
   BOTTOM L.e.d’s: Display the message _rd 

Fault Conditions.
There are a few Fault Conditions that may be displayed at any time.

A. Wall Source Current Too-Low or Break detected. BOTTOM L.e.d’s Flashing. 
   If the Source current drops below 2.0mA, the unit switches to a 20X Higher Resolution mode 
   of 0.025mA. The L.e.d’s will now display 0.1mA increments. IF the current falls below 0.1mA, 
   the display will show the message _opn

B. Wall Source Current Too-High. BOTTOM L.e.d’s Flashing. 
   If the Source current exceeds 68.0mA, the BOTTOM L.e.d’s will Flash.

C. Wall Source Voltage SHORT Detected. 
   If the Wall Source Voltage drops below 0.32V, the TOP L.e.d's will Flash.

NOTES: 
   During ANY of the Fault conditions, the unit will NOT turn off or enter a Failsafe Mode. 
   Removing/Restoring AC Power (5secs), will Restart the unit in SET-UP Mode.

SPECIFICATIONS:

   Source Voltage: 0.00 - 8.50V, (Maximum Open Circuit) (Read Range 8.4 – 8.6 V). 
   Source Current: 00.0 - 70.0mA, (Maximum Short Circuit) (Read Range 65 – 70mA).

                          Volts A.C. (Un-Regulated) 12 Volts, 200mA minimum.

PLEASE NOTE.
The systems Voltage, Current and Static Wall Charge Voltage figures must be 
recorded on the top of the control unit to establish “Benchmark” data along 
with the commissioning date and the Installation Contractors Name and 
Contact Phone Number.

Ausmotic Pty. Ltd. 19/07/2012.