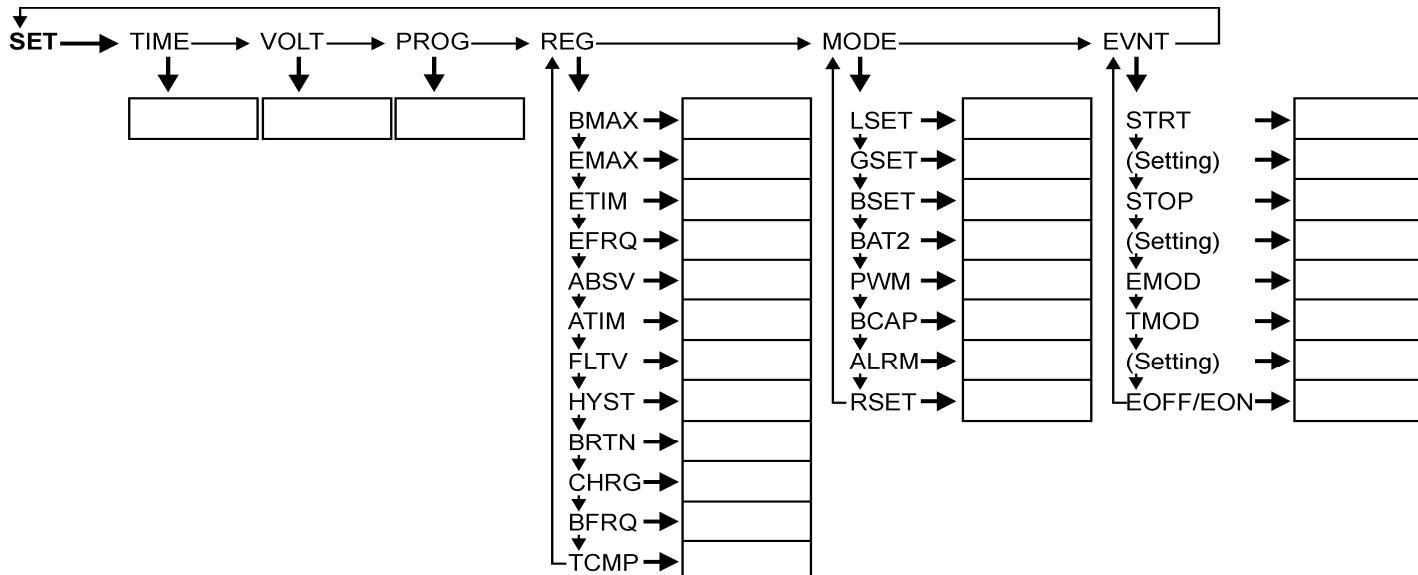


# Plasmtronics PL Settings

| Regulator Program Function  |                              | Wet Cell Lead Acid Battery  |                        |                        | Sealed/Gel Lead Acid Battery |                        |                        |                        |
|---|------------------------------|---|------------------------|------------------------|------------------------------|------------------------|------------------------|------------------------|
| Function  | Description                  | Default 0   | Trojan                 | Raylite                | Default 1                    | EnergyStore            | Leoch                  | BAE                    |
| BMAX  | Boost Voltage                | 15.0V   | 14.8V                  | 14.7V                  | 14.2V                        | 14.7V                  | 14.7V                  | 14.4V                  |
| EMAX  | Equalise Voltage             | 16.0V   | 15.5V                  | 15.6V                  | 14.0V                        | 14.7V                  | 14.5V                  | 14.4V                  |
| ETIM  | Equalise Time                | 1 hrs   | 2 hrs                  | 2 hrs                  | 0 hrs                        | 2 hrs                  | 0 hrs                  | 2 hrs                  |
| EFRQ  | Equalise Frequency           | 45 days   | 30 days                | 30 days                | 45 days                      | 30 days                | 30 days                | 30 days                |
| ABSV  | Absorption Charge Voltage    | 14.0V   | 14.4V                  | 14.2V                  | 14.0V                        | 14.4V                  | 14.4V                  | 14.1V                  |
| ATIM  | Absorption Charge Time       | 2 hrs   | 2 hrs                  | 2 hrs                  | 2 hrs                        | 2 hrs                  | 3 hrs                  | 2 hrs                  |
| FLTV  | Float Voltage                | 13.8V   | 13.2V                  | 13.8V                  | 13.8V                        | 13.8V                  | 13.8V                  | 13.5V                  |
| BRTN  | Boost Charge Trigger Voltage | 12.3V   | 12.3V                  | 12.3V                  | 12.3V                        | 12.3V                  | 12.3V                  | 12.3V                  |
| CHRG  | Max. Charge Current          | 10% of C <sub>10</sub>  | 10% of C <sub>10</sub> | 10% of C <sub>10</sub> | 10% of C <sub>10</sub>       | 10% of C <sub>10</sub> | 10% of C <sub>10</sub> | 10% of C <sub>10</sub> |
| BFRQ  | Boost Charge Frequency       | 15 days   | 15 days                | 15 days                | 15 days                      | 15 days                | 15 days                | 15 days                |
| TCMP  | Temp. Comp. Table            | 0   | 0                      | 0                      | 0                            | -4mV/°C/cell           | 2                      | 1                      |
| ALRM  | Low Level Alarm              | 11.4V   | 11.4V                  | 11.4V                  | 11.4V                        | 11.4V                  | 11.4V                  | 11.4V                  |
| LOFF  | LVD cut-off                  | 11.3V   | 11.3V                  | 11.3V                  | 11.3V                        | 11.3V                  | 11.0V                  | 10.5V                  |
| LON   | LVD reconnect                | 12.8V   | 12.8V                  | 12.8V                  | 12.8V                        | 12.8V                  | 12.8V                  | 12.8V                  |
| LDEL  | LVD delay from LOFF          | 10 min  | 10 min                 | 10 min                 | 10 min                       | 5 min                  | 5 min                  | 5 min                  |
| Make sure that PWM =1 (standard).<br>PWM=2 or 3 when a shunt is connected to the load terminal. |                              | All the above program settings will be in Program 4<br>(except for the two default settings which are either Program 0 or Program 1). |                        |                        |                              |                        |                        |                        |



**RAINBOW POWER COMPANY LTD**

Designers and Installers of Solar Systems since 1987

1 Alternative Way (PO Box 20240)

tel: (02) 6689 1430

international: +61 2 6689 1088

email: sales@rpc.com.au

A.B.N. 74 003 323 420

Nimbin NSW 2480 Australia

fax: (02) 6689 1109

international: +61 2 6689 1109

website: www.rpc.com.au

Lic: 198555C (NSW), 69172 (Qld)