# How do I Disable Battery Low Disconnect ?

*NOTES:*
*(1)  All setpoint voltages given in this document are for a 12V nominal system.*
*If your system is nominally 24V then you should double the setpoint voltages given.*
*If you system is nominally 48V you will need to multiply the setpoint voltages given by 4.*

*(2)  If  you are changing to PROG=4 from one of the generic programs (PROG=0-3), you should*
*check that all the settings under the SET/REG menu are correct for your application as these may*
*be different from the generic settings.*
*(See 'Settings used in programs 0-3' table in PL Reference Manual)*

## *Example #1:*

SET/PROG=4

LOAD/LINT/LOFF = 10V    (minimum setting – voltage that should never be reached)
LOAD/LINT/LON   = 11V    (minimum setting – voltage that should never be reached)
LOAD/LINT/LDEL = 1 min  (minimum setting)

## *Example #2 (using Alarm function):*

SET/PROG=4

SET/MODE/LSET=9  (load terminal on when battery voltage < alarm setting)
SET/MODE/ALRM=18V  (ie. a voltage that the battery will not go above)

This means that the LOAD- terminal will be ON when the battery voltage is less than 18V.
Under normal operating conditions this will mean the LOAD- terminal is always turned ON.

## *Example #3  (using Event Control function):*

SET/PROG=4

SET/MODE/LSET=4

SET/EVNT...
  STRT=12
  (start) TIME=0.0 hrs
  STOP=12
  (stop) TIME=25.0
  ----- (the above 4 settings have the effect of making the STRT and STOP irrelevant)
  EMOD=0  (always active)
  TMOD=8  (always active, low battery disconnect disabled).