PL Alarms

PL20/40
Wire alarm/buzzer between Battery positive and "G", or "Load-" terminal.
NOTE: Max 'G' terminal current = 120mA

PL60
If using the 'G' Terminals; wire alarm/buzzer between Battery Positive and Battery Negative with the two 'G Contact' terminals in series like a switch.
(NOTE: Max "G Contact" terminal current = 300mA)
…or…
If using the LOAD Terminals; wire alarm/buzzer between LOAD POS and LOAD NEG.

Voltage Triggered Alarm:

Configure 'GSET' if using 'G' Terminals.
Configure 'LSET' if using 'LOAD–' or LOAD Terminals.

SET -> MODE -> LSET=9 (alarm output on when battery voltage < ALRM setting)
Or GSET=9 (alarm output on when battery voltage < ALRM setting)

SET -> MODE -> ALRM=11.4V (this default value can be changed)

State Of Charge (SOC) Triggered Alarm:

You must monitor all charge and load current so that SOC number is correct at all times.

SET -> MODE -> LSET=2 (on when function wants to turn on Alarm)
Or GSET=2 (on when function wants to turn on Alarm)

CHRG -> CINT -> GSET -> GMOD=6 (SOC% driven with no quite time)

CHRG -> CINT -> GSET -> GMOD -> GON=??% (SOC% at which alarm turns ON)

CHRG -> CINT -> GSET -> GMOD -> GOFF=??% (SOC% at which alarm turns OFF)

CHRG -> CINT -> GSET -> GMOD -> GRUN=0 (otherwise generator exercise causes alarm)

See 'PL Reference Manual' for other Generator control functions and options (in this case used for Alarms).