POWER SUPPLY MODE

Your PRO-LOGIX Battery Charger can also be used to supply steady power to maintain system voltage during an on-vehicle repair. When using the charger in Power Supply mode, we recommend that the battery be fully charged. If necessary, run a full charging cycle prior to engaging the Power Supply mode. The Power Supply mode will not activate if the vehicle's battery is below 11.0VDC. Also, this operational mode is intended for use in a wide variety of repair applications, but is not intended for use when flash reprogramming vehicle modules – such reprogramming requires amperages great than the output of this charger.

Upon making a proper battery connection (see Section F or G as applicable), plug AC power cord into an AC receptacle. All unit LEDs will light momentarily, then only the LEDs corresponding to charging settings should stay lit. The charger is now in Standby Mode. To activate the Power Supply mode, push the VOLTS button until the LED corresponding to Power Supply is lit. Note that this will disable all other controls and settings, such as battery type and charge rate settings. Press the START/STOP button to engage the Power Supply mode.

When the unit is operating in Power Supply mode, the display will show "PS" and the green Charging Complete LED will be lit. In this mode, the charger will supply steady power with a goal of maintaining steady system voltage at 14.1VDC, allowing the current supplied to the battery/system to vary as needed from 0-20 amps. If there is an increase in system need, the charger will react to it and supply as much current, up to 20A, as needed to maintain system voltage. If system voltage drops below 13.2VDC, the amber Charging in Progress LED will light in addition to the green Charging Complete LED to alert you that the charger may not be keeping up with system demand.

Like battery charging, if at any time during Power Supply mode operation, you wish to stop the charger, you can push the START/STOP button to return the unit to Standby Mode.