Battery Condition Meter
A series of ten LEDs, which indicate charge level

Speed/Profile Indicator
A series of five LEDs, which display the speed/profile setting

Speed/Profile Decrease
Used to decrease the speed/profile setting

On/Off Key
Press to power on or off the power chair and controller.

Horn Key
Activates a warning horn.

Speed/Profile Increase
Used to increase the speed/profile setting

Joystick
Controls the speed and direction of the power chair.

FRONT VIEW

Off-board Charger/Programming Socket
Connects to Battery Charger Plug or Programmer.

Ferrite Core
Reduces electromagnetic emissions

9-Pin Beau Connector Harness
Main power cable which accepts battery voltage and sends motor signals to the power chair.

Charger Inhibit Harness
Provides battery charging voltage to the controller and provides the charger inhibit signal.

Figure 2.2. VSI Controller