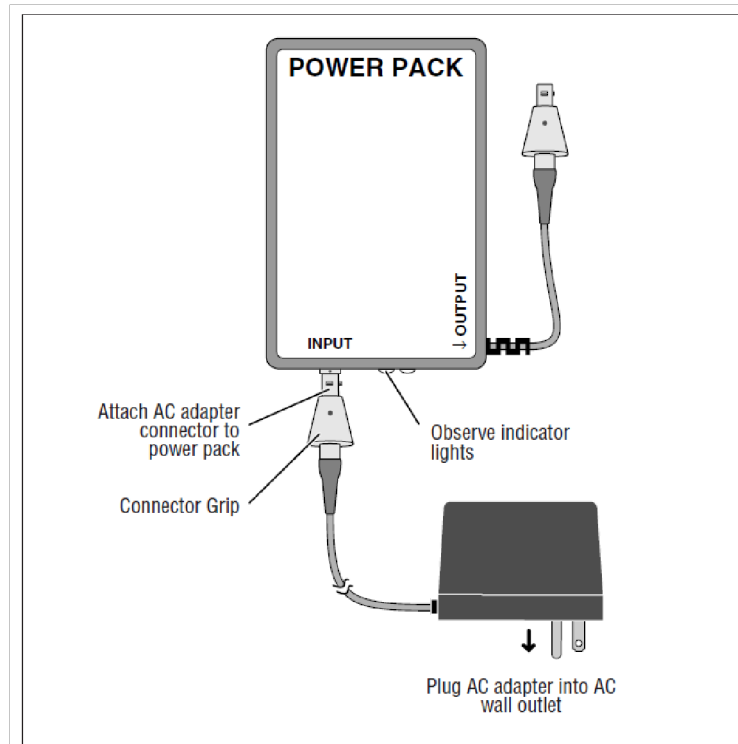


## CADD Prizm Power Pack Instruction for Usage



Before each use, recharge the power pack as described below.

Within the charging temperature range [50F to 95F], the power pack will become fully charged in approximately 7 hours or less.

**NOTE:** Use the Battery Refresh Cycle to discharge and recharge the power pack automatically

- Every 30 days while in regular use
- At least once every 6 months while in storage

### CHARGING THE POWER PACK:

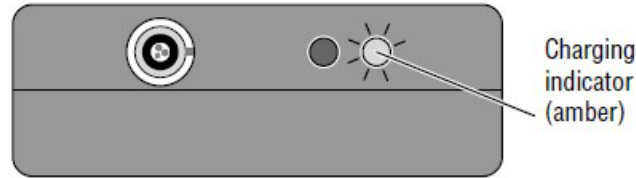
1. Attach the AC adapter connector to the power pack INPUT connector

**NOTE:** The power pack may remain attached to the pump during charging. Running the pump while charging the power pack will not drain power from the power pack.

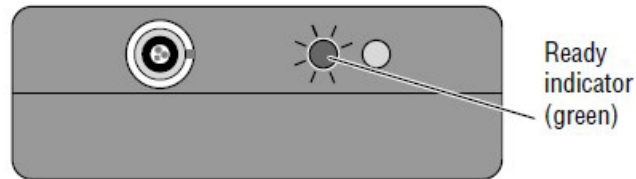
2. Plug the AC adapter's 3-prong plug into an AC wall outlet.

**CAUTION:** Do not remove the grounding prong of the AC adapter or use a 2-prong adapter with the AC adapter.

3. Observe the power pack's indicator lights:
  - a. The charging (amber) indicator light shows the power pack is charging



- b. You may use the power pack when the ready (green) indicator light comes on.

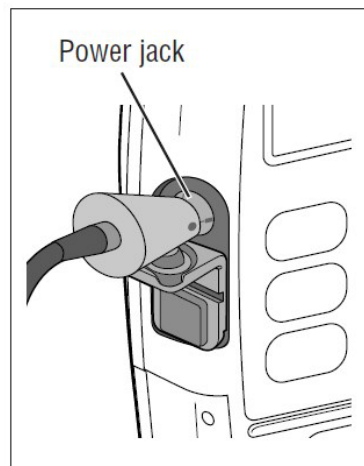


- c. If neither light is on, check the connections and AC outlet. (Refer to the Troubleshooting Chart for more information about the indicator lights).

### **Connecting the Power Pack to the CADD-Prizm® Pump**

Before connecting the power pack to the CADD-Prizm® pump, make sure the pump contains a good 9-volt battery.

1. Open the Power jack cover on the side of the pump.
2. Line up the red mark on the power pack's output connector with the red mark on the pump. Push the connector forward until it stops. Do not twist or turn the connector. Grasp the connector directly behind the flared portion and pull lightly to assure that the connector is securely attached.



**CAUTION:** Failure to push the connector all the way forward may result in an intermittent connection, and the connector may dislodge, causing a loss of power.

Watch for the message “Power Pack Good” on the pump’s display. Then you can continue programming or operating the pump.

**CAUTION:** If the CADD-Prizm® pump is mounted on an IV pole, do **NOT** allow the power pack to hang as this may result in damage to the power pack.

## EPS System Troubleshooting Chart

Problem	Probable Cause	Solution
Power pack is beeping, and amber LED is flashing.	Battery in the power pack has reached a low charge.  NOTE: pump will run for about 30 more minutes.	-Attach the AC adapter to the power pack and plug the AC adapter into a wall outlet.  - Disconnect the power pack. The backup 9 volt battery will continue to the power pump. Recharge the power pack.
With the AC adapter attached, neither of the indicator lights come on.	-AC adapter connector is not properly attached to the power pack INPUT connector.  - AC wall outlet is not receiving power.	- Detach and reattach connectors according to instructions, making sure the red dots align.  -Make certain there is power to the AC wall outlet.  -If neither works, call Chartwell at 1-800-755-4704.
Connectors are difficult to attach.	-The connectors may have twisted or turned while being attached.  - The connector pins of the power pack OUTPUT connector ad/or the AC adapter may be bent.	- Align the red dots and refer to the instructions on attaching connectors.  -Look at the connector pins. They should appear straight. If the pins are bent, call -Chartwell at 1-800-755-4704.  WARNING: The EPS System should not be used if the connector pins are bent or damaged in any way.
With the AC adapter attached, the charging (amber) indicator light does not go off when expected.	-The power pack is too hot or too cold.  -The battery may not have been recharged sufficiently.  -The battery may need to be replaced.	-Make sure the air temp is within the charging temp range.  -Continue to recharge the power pack. If battery needs replaced, call Chartwell at 1-800-755-4704.  <b>If you need to begin your infusion:</b> -Make sure a good 9-volt battery is installed and begin infusion; or, -Attach the AC adapter to the pump’s power jack and plug the AC adapter into a wall outlet.
The AC adapter and/ or the power pack feels too hot to touch.	This may indicate a damaged AC Adapter.  <b>NOTE:</b> The AC adapter and/or powerpack can become warm, especially during discharging. This is normal	Remove AC adapter from the AC wall outlet; then call Chartwell at 1-800-755-4704.
Amber light is flashing with no alarm.	Accidentally pressed the Battery Refresh Cycle Button.	Unplug the AC adapter from the power pack to stop discharging. If desired, refer to instructions for recharging the power pack.

## **BATTERY MAINTENANCE:**

If the power pack shows signs of reduced capacity (for example, more frequent low battery alarms occur or run time is reduced), use the Battery Refresh Cycle feature to restore battery capacity. Normally, only one full cycle is needed; however, you may need to complete one or two additional cycles to fully restore battery capacity. You may also use the Battery Refresh Cycle periodically (for example, every 30 days) during use to maintain battery capacity. After using the Battery Refresh Cycle, recharging time will be extended.

## **TO USE THE BATTERY REFRESH CYCLE:**

1. Attach the AC Adapter to the power pack INPUT connector. Plug the AC adapter into an AC wall outlet. Do not attach the power pack to a pump. **NOTE:** The AC adapter must remain plugged into the wall outlet and power pack throughout the entire cycle.
2. Press the Battery Refresh Cycle button on the face of the power pack and place the power pack on a table. The amber light will flash while the battery is charging.
3. When the power pack is completely discharged (approximately 8 hours for a fully charged battery), the amber light will stop flashing and will remain lit. The power pack will immediately begin recharging.
4. Allow the power pack to recharge until the ready (green) indicator light comes on.