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### CAUTION

If you do not keep your Power Pack adequately charged and continue to print when the red Recharge light begins blinking, you run the risk of losing print information when the Power Pack automatically shuts down at low capacity.

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During the charging process, both lights blink intermittently. As the Ready light blinks lengthen in duration, the charge increases. The Power Pack continues to receive a "trickle" charge even after the green Ready light goes into a steady state.

For optimum performance and battery life, make certain the Power Pack is fully charged before you begin operation. The graphic on the previous page illustrates the indicator light sequences that appear during operation to indicate remaining power.

#### Powering On

Once your Power Pack is charged and ready for operation, press the On/Off button momentarily to power "on" the Power Pack.

The green Ready indicator light will come on if there is sufficient power to operate the printer. The duration of the Ready indicator light tells you how much power remains, as illustrated in the graphic on the previous page.

**Note:** If the On/Off button does not activate the Power Pack, recharge it.

#### Powering Off

When you complete your print project, press and hold the On/Off button until the green Ready light goes off (at least one second) to power down the Power Pack. (The Recharge light remains on while you hold the button.)

**Note:** If you leave the Power Pack on but not in use for over an hour the Power Pack will automatically power down.

To restart the Power Pack, press the On/Off button.

#### Desktop Power Pack Specifications

**Output voltage** 26 volts DC or 34 volts DC, 80 watts  
**Recharge input** Cognitive Blaster or Del Sol/Solus 19-24VAC power supply, 40-80W  
**Optional auxiliary output** 5VDC, 750mA connection for auxiliary equipment

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# Installation and Operating Instructions

for

## Rechargeable Printer Power Pack

**Applicable models:** 106-010-01  
106-010-02 with 5VDC aux power

**Operates with:** Barcode Blaster, Blaster Advantage,  
Del Sol and Solus II desktop printers

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### WARNING!

- Extreme care should be taken to avoid shorting the output power plug, as damage to the Power Pack may occur. DO NOT allow the output power plug to contact the metal enclosure of the Power Pack or any other surrounding metal surfaces.
  - Plug the protective plastic end-cap onto the output power plug when it is not connected to a printer.
  - The Power Pack must rest upon its rubber feet, with this label on the top surface. Operation in other orientations may result in damage to the Power Pack.
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### CAUTION

For maximum battery life, recharge the Power Pack as often as possible. You may recharge the Power Pack for short times during the day between use. Completely recharge the Power Pack overnight after use, preferably for 16 hours. Failure to follow this procedure will shorten the battery life.

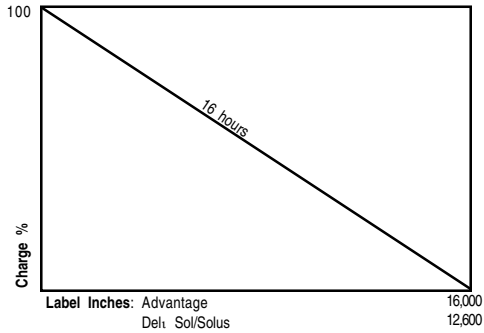
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105-035-01 REV. B

## INTRODUCTION

Cognitive's Rechargeable Desktop Printer Power Pack, P/N 106-010-01 and -02 models, replaces the Blazer power pack, P/N 60-99-88-0080. It provides output to power Cognitive's Desktop Printers: Barcode Blaster, Blaster Advantage, Solus II and Del Sol models. This Power Pack is rechargeable and operates within the following parameters:



1. Provides DC power for both the Blaster and Del Sol/Solus printer families depending upon the voltage switch setting.
2. Produces 16,000 and 12,600 inches of label printing power per charge on the Advantage 4" and Del Sol 4" direct thermal printers respectively.\*

\* These figures are estimates based on average label density. Printing performance will vary.

## Equipment supplied

The following equipment and supplies are included in the shipping container:

1. Power Pack, part number 106-010-01 or -02.
2. Installation and Operating Instructions.

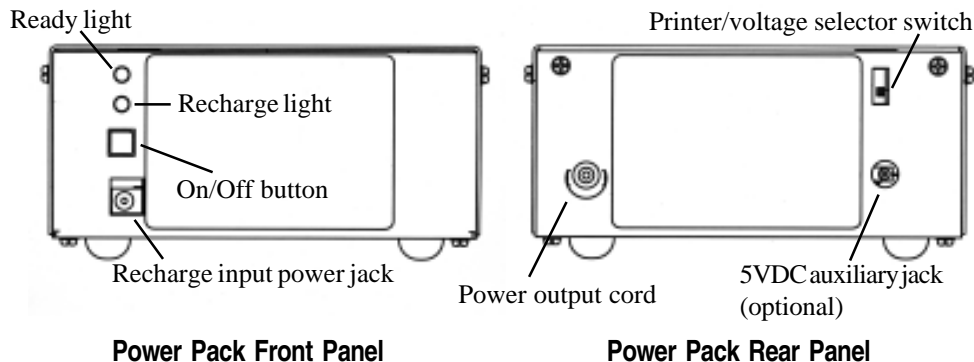
## INSTALLATION

Your Rechargeable Power Pack is shipped in a sleep mode. You **must** charge the Power Pack to wake it up prior to operation.

The printer/voltage selector switch on the back of the Power Pack is set to the Blaster setting when shipped. You must select the proper position to operate your printer, either Del Sol/Solus or Blaster. Verify this setting prior to operation.

### WARNING!

Setting the printer/voltage selector switch to an incorrect printer position may damage the printer.



## OPERATION

The Rechargeable Power Pack is designed to perform reliably in typical industrial, office and home environments. It is designed to accompany any one of Cognitive's desktop printers in mobile applications so long as all of the instructions and precautions are followed.

Plug the power cord extending from the back of the Power Pack into your printer power jack. Activate the Power Pack and turn on your printer.

## Charging the Power Pack

When the charge is low, indicated by the red Recharge light on the front, or the Power Pack needs to be "awakened" from its initial sleep mode upon arrival, you must charge the Power Pack.

1. Plug the AC power supply transformer into the recharge jack on the front of the Power Pack. You must use either a Cognitive Blaster or Del Sol/Solus power supply transformer to recharge the Power Pack.

**Note:** The printer/voltage selector switch may be in either position when charging regardless of the printer used. To be safe, set the printer voltage selector once and leave it in that position.

You should notice a change in the Ready and Recharge light indicators as the Power Pack charges. Refer to the illustration below to identify charge status.

2. Charge the Power Pack at least 16 hours before using.
3. Disconnect the AC power supply transformer from the power pack.

**Note:** You may operate a printer with the Power Pack while charging, although reaching optimum charge will take longer.

The following graphic identifies the charge capacity as indicated by the green Ready and red Recharge indicator lights on the front of the Power Pack.

When the green Ready light blinks slowly the capacity is between half and full. When the red Recharge light begins blinking and the Ready light goes off, less than one quarter capacity remains.

