

+ BPC-100 Battery and Battery Pack Charging System



WARNING!

This device is only to be used on 12V electrical systems. Not for use on high voltage electrical systems.



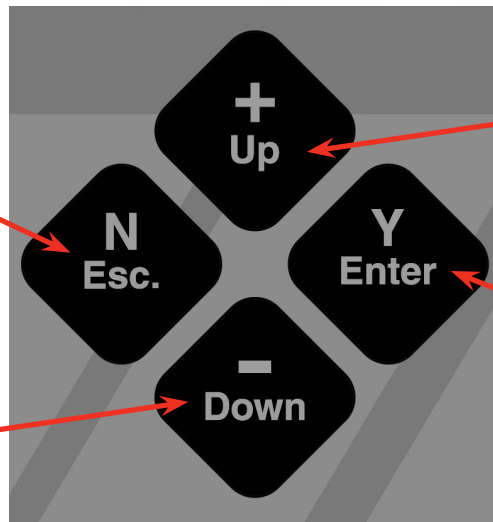
- Charges individual 12 volt batteries and battery packs up to 8 batteries connected in parallel.

(1) Cancels a charge or progression.

(2) Returns to the previous menu screen.

(1) Moves the cursor down in order to select a menu line.

(2) Decreases certain display values. ie CCA



(1) Moves the cursor up in order to select a menu line.

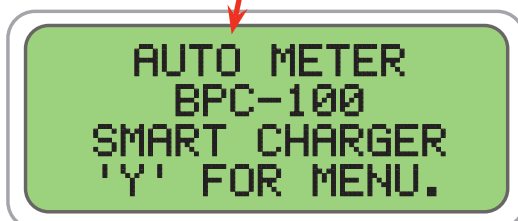
(2) Increases certain display values. ie CCA

(1) Selects the Menu. Cursor line item.

(2) Press "Y" / Enter to charge progression.
(3) Enters item.

When a key is pressed the tester will beep.

Displays menus and charge results.



How to Use the Battery Charger

WARNING: Safety glasses or goggles must be worn when using the charger.



Charging a battery or battery pack

WARNING: Use caution handling if battery temperature exceeds 140°.

- Startup screen will be displayed automatically when unit is first turned on.
Press 'Y' for menu or connect clamps to battery to enter menu.

AUTO METER
BPC-100
SMART CHARGER
'Y' FOR MENU.

Red clamp to (+) Positive battery post

Black clamp to (-) Negative battery post

- Menu screen will display cursor pointing to >Charge.
Press 'Y' to continue.

>CHARGE 11.9V
REVIEW RESULTS
SETUP
ABOUT

- Connect clamps to battery.
The BPC-100 will automatically proceed to the next function.

Red clamp to (+) Positive battery post

Black clamp to (-) Negative battery post

>CONNECT CLAMPS
TO BATTERY.
RED + BLACK -
'N' TO CANCEL.

- Enter if you are charging a battery pack press 'Y'. If you are charging a single battery press 'N'.

ARE YOU CHARGING
A BATTERY PACK
'Y' OR 'N'

- If you are charging a battery pack tell the BPC-100 how many batteries are in the pack using the '+' and '-' keys, Press 'Y' to enter. The BPC-100 can charge up to 8 batteries in parallel.

HOW MANY BATTS.
ARE IN THE PACK
USE +/- 2
'Y' TO SELECT

- Enter the approximate battery temperature. Use the + / **Up** and the - / **Down** keys to change the temperature. Press **Y / Enter** key to continue once the temperature has been entered.

NOTE: If the battery is over 120°F, the BPC-100 will prompt you to allow the battery to cool before proceeding with charging the battery.

>ENTER BATTERY
TEMP.: 70F
USE +/-
'Y' TO CONTINUE

- Enter the CCA rating for the battery or single battery in the battery pack. Use the + / **Up** and the - / **Down** keys to change the rating. Press **Y / Enter** key to continue once the rating has been entered.

>ENTER RATED CCA
925
USE +/-
'Y' TO CONTINUE

- Scroll down to choose type of battery.

**Starting Standard, Starting AGM
Deep Cycle AGM, Deep Cycle STD**

CHOOSE BATT TYPE
STARTING STANDARD
USE +/-
'Y' TO CONTINUE

- Fast Charge Mode:** Quickly charges the battery or battery pack up to level that it can be put back into service, and the remaining charge will be put back into the battery or battery pack with the vehicles charging system.

Full Charge Mode: Provides a full charge to the battery or battery pack.

Charge times will be longer compared to the Fast Charge Mode.

CHOOSE CHRG TYPE
FAST CHARGE
USE +/-
'Y' TO CONTINUE

- Confirm Inputs. If inputs are correct, Press 'Y' to continue
If changes are required, Press 'N' to re-enter battery information.

STARTING STANDARD
TEMP. 73F FAST
RATED CCA 925
'N' OR 'Y'

- Battery Charging Begins. After a short time, the display will indicate the estimated and maximum time to complete the charge.

CHARGING
EST TIME: 01H:10M
MAX TIME: 02H:20M
'N' TO STOP

- Charge Results/Next Steps are displayed. Next Steps can be viewed on screen by scrolling down using the - / **Down** button.

C#9 12V BATT.
CHARGED
14.88 CHRG 100%
'Y' TO PRINT

Charged Battery

Charge is complete.

Failed to Charge

Battery or battery pack would not accept charge.

C#10 12V BATT.
POSSIBLE BAD BAT
10.28V CHRG 0%
'Y' TO PRINT - MORE



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