

CX PRO 100-2

Quick Reference Guide

SAFETY

Before starting, visually inspect the battery for a cracked, buckled or leaking case. if you see any of these defects, replace the battery.

OPERATION & CHARGING SELECTION

CX PRO 100-2 is a twin output diagnostic balanced charger, and power supply and can be used on two separate 12V vehicles or used to “balance” and “equalise” both 12V batteries in a 24V set.

Each charging channel is independently controlled and displays the status of each battery being charged.

CHARGING MODE

- Connect the clamps +/- to each battery requiring charging
- Power up the CX PRO 100-2 by switching the rocker switch located at the rear of the charger to the “ON” position. The power LEDS ① will illuminate green.
NOTE: Each battery is controlled and charged by selecting the individual charging channels.
- Providing correct polarity is connected, charging channel ② LED will illuminate green.
NOTE: If incorrect polarity is detected, LED status will be shown as red, and you will not be able to proceed with charging.
- Select charging/power support “MODE” button ③ to illuminate correct battery technology or power supply function.
 - Press 1x - Lead Acid ④
 - Press 2x - AGM ⑤
 - Press 3x - Li-Ion ⑥
- Select “START” ⑦ to commence charging/power supply function and the orange charge LED will illuminate ⑧
- “CHARGE CURRENT” LED’s will illuminate red, showing live current being applied to the battery (<10-50a) will be displayed ⑨
NOTE: When battery is accepting less than 10A the <10A LED will flash red.

CHARGING COMPLETE

Once charging has been completed or the battery is accepting less than 2 amps, the green "READY" LED ⑦ will illuminate, and the "CHARGE CURRENT" status LED will flash <10A.

NOTE: If the battery is known to be low on charge, and suspected as faulty, the charger could indicate "READY" status within less than 10 seconds, which would suggest the battery has a poor charge acceptance, and should be replaced.

CHARGING ERROR

In an instance where the charger detects a poor charge acceptance or very low voltage, the "ERROR" LED ⑧ will illuminate and flash. Charging will cease.

SUPPORT MODE (Power Supply)

Select the charging/power support "MODE" button ③ press 4x until all 3 LED's (a,b & c) are illuminated. Select "START" ④ to commence power supply mode.

Current being drawn from the charger will be displayed through the illuminated charge current LED's ⑥

NOTE: Green "READY" LED ⑦ will be illuminated during Support Mode

OVERLAY DIAGRAM

