4099 Configuration Toolkit for Mascot Lead Acid Battery Chargers





All Mascot Lead Acid battery chargers marked with this CBC symbol may be configured through the output cable using a toolkit consisting of a CBC module, a USB cable and Mascot configuration software for PC.



The CBC Toolkit is ideal for optimizing battery performance for a wide range of applications. There are 22 different parameter settings and 7 additional enable/disable functions available.

Key configuration / charge detection variables:

- Charge voltages (If PTC is not used)
- Diode compensation level. Increase in voltage to compensate for diode in series
- Cut-off current level to go to float
- Temperature limits (Hot, cold, charge pause ++)
- Float pulse interval and time.
- Recharge voltage level
- Timers: Soft start timer, CV charge timer and Safety timer

Softstart Time	1 800	s
ChargeTime	240	min
SafetyTime	4 320	min
BatteryVoltageMaintenanceDelta	1,03	V
NoPTC_DACBoost	14,702	V
NoPTC_DACMaint	13,678	٧

Functions (enable/disable):

- Enable/Disable PTC if present
- Enable/Disable current pulses in float charge
- Float charge only. Full charge cycle using float voltage level only.
- PTC mandatory. This will stop the charge cycle if PTC is missing or not working properly
- Read and/or write protected configuration

The CBC system is easy to set-up and connect

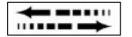
- 2. Connect the charger and set-up the communication
- 3. Make the custom configurations
- 4. Send the new parameter(s) to the charger

1. Select Mascot standard to configure

- Included in the toolbox: Mascot CBC module (hardware interface)
- 3546 12V LA Battery Charger
- 3743 24V LA Battery Charger
- USB Cable for connecting to a PC
- **Mascot Configuration Software**
- Printed user guide and videos with user instructions

Notes

It's possible to read the current configuration from the charger



2. Ordering information:

For the CBC toolkit, use part no. 4099000041 For additional modules, use part no. 4099000000

Read protect
Write protect
☐ PTC required
No PTC
Suspend when cold
Float charge only
✓ Pulsed float charge

