

# C3/C4 Charger

Charging NiMH &  
Li-Ion batteries

concents 



## Introduction

The Concents C3/4 series is a range of battery-based actuator controllers developed especially for mobile applications. It is supplied by either a NiMH or a Li-Ion-battery.

The NiMH chargers can be supplied with medical approval (EN60601-1). Whereas the Li-ion only comes without medical approval.

Symbols used:



Attention: Consult accompanying documents

## Technical data and model designation

Charging voltage: 24VDC  
 Operating temperature: 5°C to 40°C  
 Relative humidity: 20% to 70%  
 Atmospheric pressure: 1atm  
 Max. operating altitude: 2000m  
 Battery technology: NiMH or Li-Ion

Model designation and label:

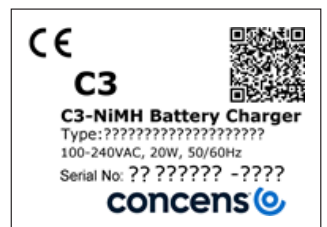
C3/4-CHG-01-XX-XX: NiMH charger with built in power supply, Led indicator (Medical approval 60.601-1)

C3/4-CHG-03-XX-XX: NiMH charger with external power supply

C3/4-CHG-02-XX-XX: Li-ion charger with external power supply

All batteries (NiMH / Li-Ion) can be used freely for all types of Concents controllers (C3/C4) BUT require a separate type of charger as listed above.

To secure long lifetime of both NiMH and Li-ion batteries, we strongly recommend to recharge the batteries at least every 3 months.



## Preparation

Before the system may be used, the battery must be charged using the accompanying charger. It takes 5-8 hours to fully charge a battery.



**C3/4-CHG-01-XX-XX:** NiMH charger with built in power supply



**C3/4-CHG-03-XX-XX:** NiMH charger with external power supply



**C3/4-CHG-02-XX-XX:** Li-ion charger with external power supply

# C3/C4 Charger

## Contact information

For further information or a product demonstration, do not hesitate to contact our Partner near you or us directly if there is no local presence in your country.

- Find your local partner here - [Concens contacts](#)
- Contact us directly - [sales@concents.com](mailto:sales@concents.com)
- Or give us a call: +45 7011 1131

## Disclaimer

- Concens products are continuously developed, built and tested for highest requirements and reliability but it is always the responsibility of the customer to validate and test the suitability of our products in a given application and environment. Concens products must not be used in safety critical applications.
- We do our utmost to provide accurate and up-to-date information at all times. In spite of that, Concens cannot be held responsible for any errors in the documentation. Specifications are subject to change without prior notice.

For more information, please visit our website at [www.concents.com](http://www.concents.com)

