



# GL Batteries

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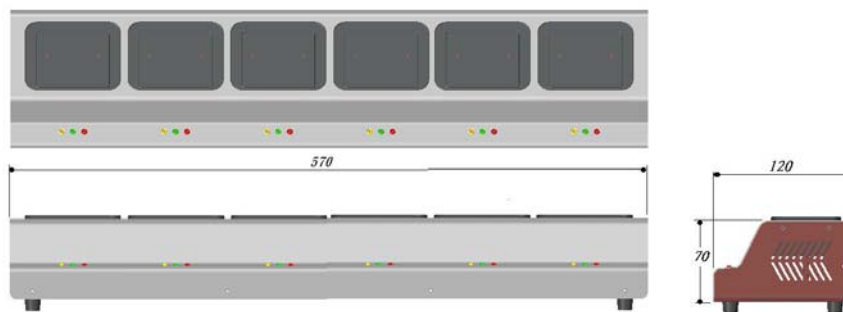
[www.glbatteries.com](http://www.glbatteries.com)



## GLCH-6

### SIX-STATION TRI-CHEMISTRY RAPID BATTERY CHARGER

#### WITH MICROPROCESSOR / IC CONTROL



#### FEATURES:

- Automatically detects Ni-Cd, Ni-MH and Li-ion chemistry battery packs, and delivers optimal charge program
- Charges most batteries in 1-4 hours
- Switches to trickle charge mode when batteries are fully charged
- Protects batteries from overcharging, prolonging battery life
- Detects faulty batteries
- With interchangeable / upgradeable adaptor cups to suit most two-way radio and barcode scanner battery models
- Versions available for charging of 3.6/3.7V (nominal) and 7.2/7.4V (nominal) battery packs

#### OPERATING THE CHARGER:

- When charger is connected to mains power, orange "PWR" light will come on. Also, green "OK" light will flash once- this indicates that charger self-test is completed and you are ready to charge.
- Ensure that correct battery adaptor cup is installed.
- Insert battery into charger. Red "CHG" light will come on, indicating that battery is charging normally. When green "OK" light comes on, battery is fully charged and ready for use. In "OK" mode, the charger will continue to apply trickle charge until battery is removed.
- A flashing red "CHG" light indicates that the battery is faulty and should not be used. Please dispose of faulty batteries properly.
- To change the battery adaptor cup, first UNPLUG THE CHARGER from mains power supply. Remove the two screws holding the adaptor cup in place. Carefully pull adaptor cup out and disengage the white connector on charger PCB. Connect desired new adaptor cup and securely re-fasten screws.



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## SPECIFICATIONS:

- Input (Single and multi chargers): 100V to 240V AC (uses external switch mode AC/DC adaptor)
- Output: (Single charger) 12V DC / 1.0A (Multi charger) 12V DC / 6.7A
- Charge current: 1000mA~1500mA  $\pm$ 10%, dependent on battery type
- Approximate charge times: most Ni-Cd batteries: 1-2 hrs; most Ni-MH batteries: 2-3.5 hrs; most Li-ion batteries: 2.5-4 hours

## APPROXIMATE STANDARD CHARGE TIMES:

Battery Type	Capacity	Charge Time
Ni-Cd	550mAh, 650mAh, 750mAh	1 hours
Ni-Cd	850mAh, 1000mAh	1 ~ 1.5 hours
Ni-Mh	1200mAh, 1400mAh	1.5 ~ 2 hours
Ni-Mh	1600mAh, 1800mAh, 1900mAh	2 ~ 2.5 hours
Ni-Mh	2000mAh, 2100mAh, 2200mAh	2.5 ~ 3 hours
Li-ion	1600mAh, 1800mAh, 1900mAh	2 ~ 2.5 hours
Li-ion	2000mAh, 2100mAh, 2200mAh	2.5 ~ 3 hours
Li-ion	3000mAh, 4000mAh	3 ~ 5 hours

## SAFETY / PRECAUTIONS:

- For indoor use only.
- Only for use with Ni-Cd, Ni-MH and Li-ion/Li-Poly chemistry batteries.
- Please ensure that battery voltage is correctly matched to charger voltage specification (3.6/3.7V, or 7.2/7.4V, as stated on information label).
- Do not charge faulty, damaged or leaking battery packs.
- Charger MUST be unplugged from mains power supply when changing battery adaptor cups.
- To prevent accidents or damage to charger, do not short-circuit the battery charger terminals.
- Clean with a soft dry cloth. Do not use water or solvent-based cleaners.