

Features

- Optional charging voltage (1.5V Ni-Mh, 3.6V LiFePO₄, 4.2V Li-ion, 4.3V Li-ion, 4.35V Li-ion)
- Optional charging current (0.1A - 0.25A - 0.5A - 1A)
- Capable of charging different chemistries at different currents at the same time
- Have General mode and Professional mode, easy to use
- Each of the bays monitors displays and charges independently
- 4x or 8x bays wide enough to fit 4x or 8x 26650s at the same time
- Longer bay slots to handle 18mm - 72mm lengths
- Accurate voltage cut off and termination current
- Made from durable ABS (fire retardant / flame resistant)
- Advanced protection features: reverse polarity protection, over-charge protection, over-current protection
- With LCD and LED display charging parameters and progress
- Certified by ROHS, CE, FCC

Specifications

- Model: GYRFALCON ALL-44 / GYRFALCON ALL-88
- Input: DC 12V 2A (ALL-44) / 4A (ALL-88)
- Output voltage:
1.5V±0.05 / 3.6V±0.03 / 4.2V±0.03 / 4.3V±0.03 / 4.35V±0.03 ×4 / ×8
- Output current:
100mA - 250mA - 500mA - 1000mA ×4 / ×8
- Dimensions:
139mm×155mm×32mm / 245mm×155mm×32mm
- Weight: 240g / 420g(without batteries and power supply)
- Compatible with:
Li-ion / LiFePO₄ / IMR: 10180, 10440, 14500, 16340, 17500, 17670, 18350, 18500, 18650, 26650, 32650
Ni-MH / Ni-Cd: AA, AAA, AAAA, C
- Operating humidity /temperature: 5%(0C) - 90%(40C)
- Storage conditions temperature: -20C - 85C

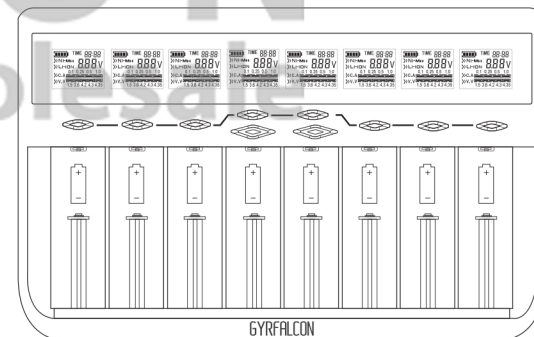
Special Attentions

- The General mode, it can only charge 1.5V Ni-Mh and 4.2V Li-ion batteries, it can automatically start charging.
- In the General mode, when you press and hold down Fn and C=V for 5 seconds, it will switch to the professional mode. But In the professional mode, only when all slots are not placed in batteries, it can switch to the General mode.
- The charger has memory function, it can remember the latest used mode, next boot time it can directly into this mode.



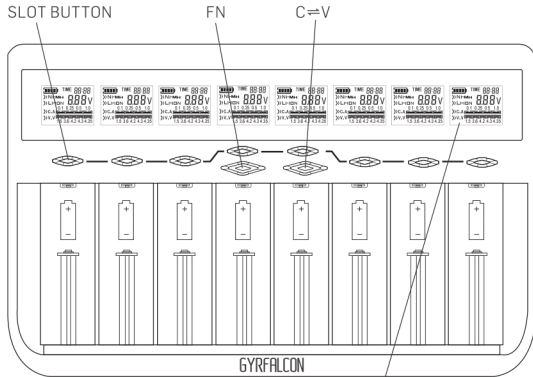
USER MANUAL

All-44 / All-88 professional multi-charger

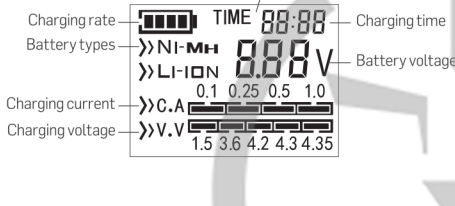


Professional Mode Operation Instructions

WARNING: IN PROFESSIONAL MODE, THE CHARGER DEFAULT DOES NOT WORK, THE CURRENT AND VOLTAGE SHOULD BE SELECTED BEFORE THE CHARGING PROCESS...



DC input: 12V 2A/4A



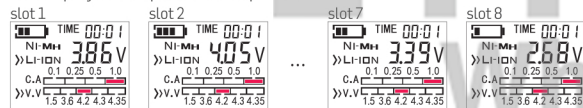
A. 8 slots operation: First press and hold down Fn, then click C=V, the eight slots will be set at the same time (except that the slot has started working), the default charging current is 1000mA, the charging voltage will have a circle (4.2V→1.5V→3.6V→4.3V→4.35V), at the same time C=V will turn RED and start flashing; When the selected choice has been completed, the charging voltage will be locked automatically and the slots start working.

Example A :

The display before operation



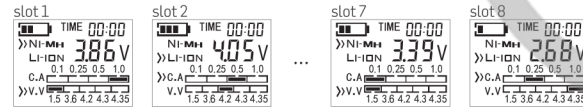
The display after operation completed



B. Copy operation: First press and hold down the slot button (that need to be copied, it have locked charging voltage and charging current), then click another slot button, the C=V will turn RED and start flashing, at the same time the lower part of the display will start flashing, the slots between the two, will have be set (using the parameters of the be copied slot, except that the slot has been started working), When the selected choice has been completed, the charging voltage will be locked automatically and the slots start working.

Example B :

The display before operation



The display after operation completed

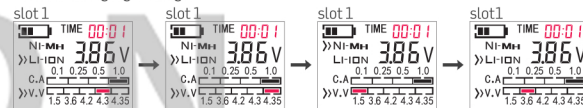


C. Single slot operation: First click the slot button, the corresponding slot will start setting, the C=V will turn RED, at the same time the "charging time" will start flashing, then click the slot button, the voltage will have a circle (1.5V→3.6V→4.2V→4.3V→4.35V), when the selected choice is OK, long pressed the button for 2 seconds the voltage will be locked; And then pressed the C=V, the current will be set, the C=V will turn BLUE, then click the slot button, the current will have a circle (0.1A→0.25A→0.5A→1.0A). When the selected choice has been completed, the slots start working.

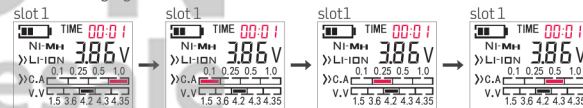
Example C :



Select charging voltage



Select charging current



Caution

- Please select the suitable charging voltage!
- Recommend the use of 1A or 0.5C current to charge Ni-Mh / Ni-Cd batteries. if not, may be premature termination of the charging process or miss termination!
- Recommend the use of high-quality Ni-Mh batteries, such as eneloop / fujitsu. if not, may be premature termination of the charging process or miss termination!

Attention

- For your protection and that of the batteries being charged, use the ALL-44/ALL-88 only as instructed.
- Discontinue use if the battery contacts, cord or charger are dropped or damaged in any way.
- Discontinue the power supply when charging is completed.
- Under no circumstances should the ALL-44/ALL-88 be dismantled, modified or used for other purposes.
- As an electrical appliance, keep the charger out of reach of children.

Warranty Service

All GYRFALCON products enjoy a comprehensive after sale warranty service. A malfunctioning GYRFALCON charger may be exchanged for a replacement by a local authorized distributor/dealer within the first 15 days of receipt by the end user. After 15 days and up to 12 months, the charger may be sent to an authorized distributor/dealer for repair. Beyond 12 months, the warranty covers labor costs and maintenance with the exclusion of accessories or replacement parts.

The warranty is nullified in any of the following situations:

1. The charger(s) is/are broken down, reconstructed and/or modified under unauthorized conditions.
2. The charger(s) is/are damaged through improper use.
3. The charger(s) is/are damaged by leakage of batteries.
4. The charger(s) is/are damaged by broken skin batteries.

For further details of GYRFALCON's warranty service, please contact a regional distributor/dealer or send an email to info@myenova.net.

The GYRFALCON official website shall prevail in case of any product data changes.