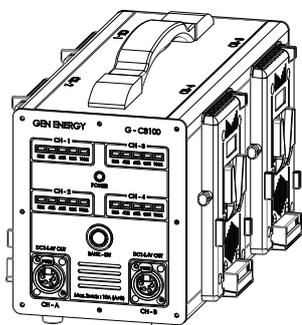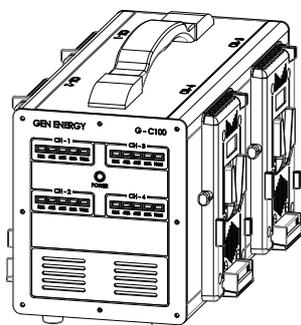RoHS   ISO 9001   ISO 14001

Quick Charger
for Li-ion Batteries
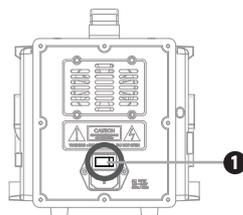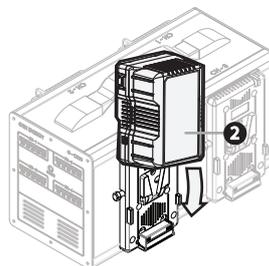

G-CB100   G-C100 (3.5A)

Features

* 6A, 4ch simultaneous charger (Dual SMPS built-in) (6A model only)
* 6A or 3A supplied automatically according to capacity.
* No. of LEDs turned on indicates the capacity during charging and discharging
* Power station : Battery packs are hot swappable (G-CB100 only)
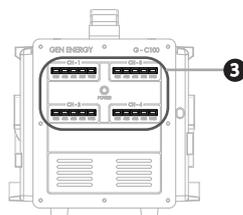
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01 Charger mode

01 Switch on the main power on the rear panel of the charger

02 Connect the battery packs, then the charger detects which battery packs they are.   It takes max. 12 seconds.

✱ It starts charging automatically and simultanuously.
195Wh, 290Wh and 390Wh : by 6A
98Wh and other companies' packs : by 3A

03 Red LEDs on : means it is being charged by 6A
Orange LEDs on : means it is being charged by 3A
Yellow-green LEDs fully on : means fully charged.

✱ No. of LEDs on : means remaining capacity

✱ Errors
Yellow-green LEDs fully blinking : Battery packs are not activated by sleep mode or any problems
LEDs off : This charger has a problem itself
Red LEDs on each channel fully blinking : SMPS power supply inside charger doesn't work
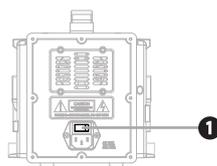
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04 Safe instructions

⚡ WARNING!

1. Risk of electric shock. Do not remove cover, no user serviceable parts inside the product.

2. Protect the product from water, moisture and dust.

3. The presence of electricity near water can be dangerous.

4. Use only with recommended batteries.

5. A standard three-pin AC plug must be used and earth pole must be connected to the earth line.

6. During charging, the temperature of the charger will rise, this is normal, not a malfunction.

7. A short between + and - on charger pins may cause fire, electrical shock or other incidents.
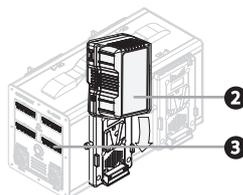
⚠ CAUTION!

1. Slots and openings are intended for ventilation purposes to ensure reliable operation of the product and protect it from overheating.

2. Do not block or cover any slots and openings.

3. Indoor use only. To reduce the risk of fire or electric shock, do not expose this charger to rain or moisture.

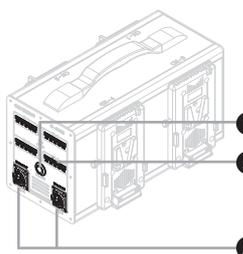## 05 Quick guide

Charging

01 Switch on the main power.

02 Connect the battery packs.

03 Red LED on : 6A charging
Orange LED on : 3A charging
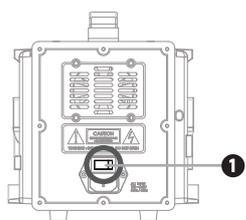Yellow green LED fully on : fully charged

Power station

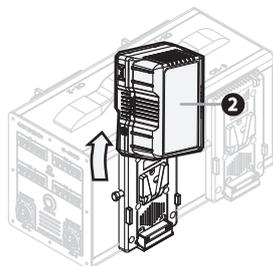**01** Turn on BANK-SW button. (G-CB100 only)

02 XLR : Sum of two outlets : 10A

03 Red LEDs on : It is being discharged now
Yellow-green LEDs on : They are ready to be used.
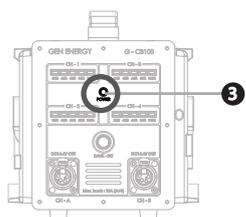No. of LEDs on : means remaining capacity.

02 DC-out mode (from AC power, G-CB100 only)

01 Switch on the main power on the rear panel of the charger

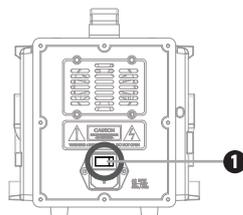02 Remove all the battery packs, there should be no packs on V mount plate.

03 Then DC-out terminal will be ready to be used, and power LED will be blinking.
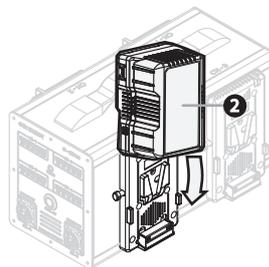14.4V (10A, sum of two channels, CH-A + CH-B)

✳ Errors
Red LEDs on each channel fully blinking : SMPS power supply inside charger doesn't work
Red LEDs all on 4ch blinking : When current load becomes over 10A, its output is cut.
Reset : Turn off the charger and turn on again or change the mode

03 Power station mode (from batteries, G-CB100 only)

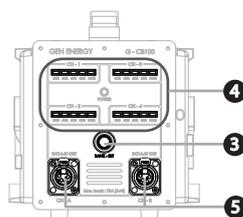01 Switch off the main power first on the rear panel of the charger.

02 Connect at least one battery pack on 4 V-mount plates.

03 Turn on BANK-SW button on the front panel of the charger.
Then blue LED around BANK-SW will turn on.

You can change any packs except one working now.
Then its output will be working continuously
It will be rotated from CH-1 to CH-2 and CH-3 and CH-4

04 Red LEDs on : It is being discharged now
Yellow-green LEDs on : They are ready to be used.
No. of LEDs on : means remaining capacity
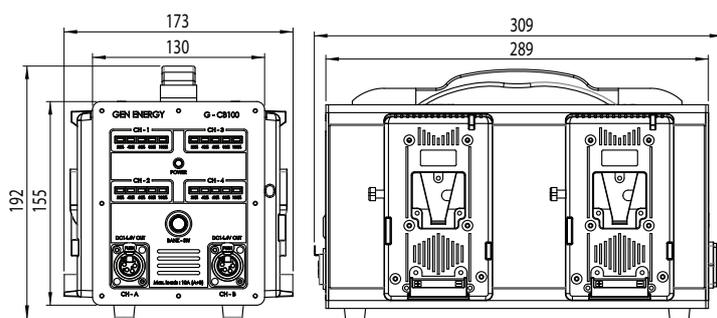
05 Output voltage will be 11.8V ~ 16.8V (10A)

✳ Errors
LEDs off channel : No remaining capacity or no output
Red LEDs all on 4ch blinking : When current load becomes over 10A, its output is cut.
Reset : Turn off the charger and turn on again or change the mode

06 Specification

Model	G-C100 3.5A	G-C100	G-CB100
Channel	4ch simultaneously charging		
Charging current	3.5A	6A for 195Wh, 290Wh and 390Wh of GEN	
		3A for 98Wh of GEN and all other companies' batteries	
AC In	90-260V/47-63Hz max. 8A		
Power Consumption	Max. 480W		
Weight	Approx. 4 Kg / 8.8 lbs		
Dimensions	Approx. (W X H X D) 130 x 155 x 289 mm / 5.1 X 6.1 X 11.4 inches		
Operating Temp. Range	-10°C ~ +40°C / 14°F ~ 104°F		
Batteries	GEN and Li-ion battery packs 4SXP (16.8V)		
Charging time	Approx. 290Wh(7H), 195Wh(5H), 160Wh(4H), 98Wh(3H)	Approx. 290Wh(4H50M), 195Wh(3H40M), 160Wh(3H20M), 98Wh(3H20M)	
DC Output	Not available	Not available	14.4V max. 10A
			(sum of two outlets, CH-A +CH-B)
Power station out	Not available	Not available	11.8V ~ 16.8V max. 10A
			(sum of two outlets, CH-A +CH-B)
DC Port	Not available	Not available	XLR x 2 ea

07 Dimension

173
130
192
155
309
289

GEN ENERGY   G - CB100

08 Warranty

This product is covered by 2 year unconditional warranty on all parts.
For warranty issues or if you have any additional questions,
please contact the vendor you purchased from.

For more information, www.genenergy.co.kr

GEN ENERGY