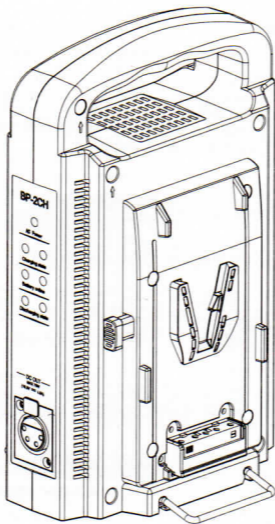


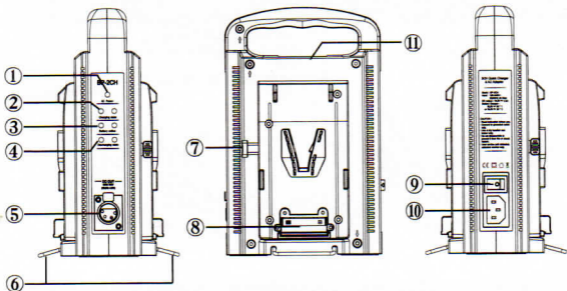
2CH Quick Battery & AC Adapter BP-2CH



User Manual

Thank you for purchasing our product BP-2CH 2 channel quick charger with DC output. To ensure your safety, please read this manual carefully before using and keep it for future reference.

Product Introduction



- | | |
|---|-------------------------|
| ① AC Power | ⑥ Support Stand |
| ② Charging State LED | ⑦ Battery Release Lever |
| ③ Battery Online LED | ⑧ Charging Connector |
| ④ Discharging State LED | ⑨ AC Power Switch |
| ⑤ DC output(XLP connector
4pin female) | ⑩ AC Socket |
| | ⑪ Radiator Fan |

Specifications

Input:100-240V~50/60Hz 2A Max

DC Output:16.5V---4.5A

Battery Charger:

16.8V---3A*1(charging 1pc battery)

16.8V---2A*2(charging 2pcs batteries)

Operating ambient temperature:0°C~40°C

Operating ambient humidity:20%~90%RH

Dimension: 141*100*225mm (L x W x H)

Weight: 1150g

Product Features

- BP-2CH charger can charge for 14.4V/14.8V V-mount lithium-ion battery.
- No need to switch operation when output voltage is 100-240V.

- Quick charge for single lithium-ion battery, sequential nominal charge for 2pcs lithium-ion batteries.
- Equipped with DC output, it can be used as DC supply power for camcorder, portable VTR and other ENG machine, etc.
- A fully charged lithium-ion battery can be used as backup power when there's no AC power input, and supply sequential DC output by XLP 4P connector.
- BP-2CH charger is controlled by MCU(Micro Controller Unit), charging method is by constant current/constant voltage, which is reliable and efficient.

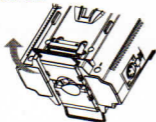
Use Instructions

1. Connect BP-2CH charger with rated AC power, AC power LED light up.
 2. Insert V-mount Lithium-ion batteries into the 2 channels of charger, it starts charging.
 3. After batteries attached, battery online LED light up. Charging state LED light up indicates batteries are being charged, then red LED will turns to green color when battery is 85% charged, LED light off when batteries fully charged.
 4. While DC output port connected with cable, charger starts supplying power for DC output, and stop charging for batteries.
 5. When AC power is off, batteries online can be used as backup power and supply sequential DC output by XLP 4P connector, discharging state LED light up.
 6. Any of the battery taken out from charger during power supplying process, DC output supply will not power off.
 7. It is a normal phenomenon that charger become a slight heat during charging process, please place the charger at a ventilate location where is good for heat dissipation to guarantee charger function well.
- ※ If no output with DC port when connecting with DC cable, please check if it's an exclusive cable.

Operation Procedure

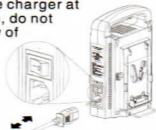
① Support Stand

1. Open from the bottom of charger
- *Swing the support stand out until it's firmly locked.



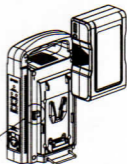
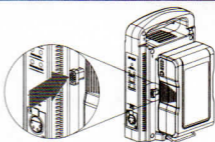
② AC power cable connection

- Connect AC cable with BP-2CH charger and make it plugged in, then turn the switch to " I " position as shown.
- *Please place the charger at ventilate location, do not cover the window of radiator fan.



③ When used as charger

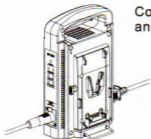
1. Install battery on the charger as shown.
2. When the battery is mounted, charging state LED will light up. If the condition of the battery is OK, charging will automatically start. If condition is not normal, charging will not start.
3. Charging will automatically stop when battery is fully charged.
4. When removing the battery from the charger, firmly press the release lever while lifting the battery straight up.



*Please mount the battery until the battery release lever is firmly locked.

*For your safety, do not carry the charger while battery is attached.

④ When used with DC output



Connect with XLP cable to supply power for camcorder and ENG machines, etc.

Rated Voltage: MAX 75W
(16.5V \approx 4.5A)

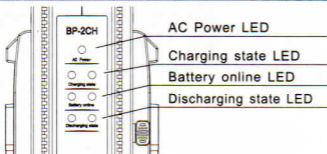


Charging function and DC output function can not use at the same time:

*While the BP-2CH charger operates as a charger, the DC output function is disabled.
While the DC output is in operation, charging is disabled.

*Please make sure to check the power consumption of the connected device prior to using the BP-2CH DC output before use.

⑤ LED State Indication



AC power	LED Indicator		State
	Red LED light off	○	No connect with AC power or Power switch not turn ON.
	Red LED light up	●	Charger being powered on.

Charging state	LED Indicator		State
	Red LED light up	●	Battery being charged.
	Green LED light up	●	Battery being charged 85% capacity.
	Green LED light off	○	Battery being fully charged.
	Red LED flickers	✱	Output is short-circuit or overloaded.

Battery online	LED Indicator		State
	Blue LED light up	●	Battery being well connected with charger.
Blue LED light off	○	Battery is not well connected with charger or battery capacity is too low.	

Discharging state	LED Indicator		State
	Green LED light up	●	Battery is discharging by XLP 4P connector.
Green LED light off	○	Battery is not discharging by XLP 4P connector.	

■ Caution

1. Don't charge unmatched battery otherwise will damage battery, it may even cause leakage, explosion, body injury and property damage.
2. Charger will be damaged if not using correctly.
3. Use indoor or in car, please don't expose it to rain or snow.
4. Please do not disassemble or abandon it.
5. Avoid falling or placing heavy object on it.
6. Children should use it at the supervision of adult.
7. Working temperature keeps 0°C~40°C degree.
8. Keep it away from heat equipment or high temperature place, and don't expose to direct sunlight.
9. It is normal to be a little heat while charging.
10. Take out rechargeable battery when not use charger .