COLBOR

Power 99 Pro

User Manual

Thank you for choosing COLBOR product. Please read this manual carefully before use and follow all instructions mentioned herein.

Tips for Battery Maintenance

COLBOR Power 99 Pro is made with eight units of Grade-A 18650 battery cells runs under BMS chips (Battery Management System). It is perfectly safe with Over Charge/Discharge, Over Current/Voltage, Over Heat and Short Circuit protection.

With Unique Balance Cell Algorithm, each battery cell is tuned to same voltage level during charging /discharging process to ensure a long recycle life. Please follow the below instructions to better extend the longevity of COLBOR Power 99 Pro:

1. Please Store the battery at temperatures between 5 ℃ and 20 ℃ (41 ℉ and 68 ℉).

2. The battery will provide a best recycle life keeping between 10% to 90% capacity, please remain more than 50% of power when stored or unused for an extended period and do not always charge to 100%

3. The runtime of your battery will vary depending on the powered devices and the applications that you run, you may also refer to the remaining percentage of the battery to get an accurate assumption of time.

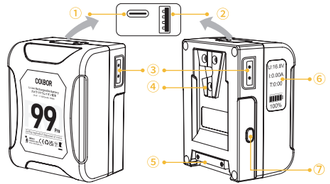
4. Consider replacing the battery with a new one if you note either of the following conditions:

- The battery runtime drops below 80% compare to original runtime.
- The charge time of battery increases significantly for more than 50%.

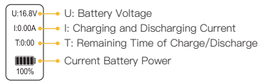
5. If the battery is stored or otherwise unused for an extended period, be sure to follow the storage instructions in this manual.

- Charge or discharge the battery to approximately 50% of capacity before storage.
- Charge the battery to approximately 50% of capacity at least once every six months.
- Store the battery at temperatures between 5 ℃ and 20 ℃ (41 ℉ and 68 ℉).

Appearance



① USB-C Input&Output
② USB-A Output
③ D-tap Input&Output
④ V-Mount
⑤ BP Electrode Interface
⑥ OLED Screen
⑦ Switch Button



U: Battery Voltage
I: Charging and Discharging Current
T: Remaining Time of Charge/Discharge
Current Battery Power

⁎ Notice about Remaining Time

- The Remaining Time is calculated based on current of all gears powered by the battery, the algorithm will capture data every 100ms and average the result in last few seconds.
- The predicted Remaining Time is accurate given stable current, you may check the time again by pressing the switch button after adding/removing gears.
- The deviation of the Remaining Time could be significant if the battery has power lower than 10% or more than 90%, please also refer to the remaining percentage to get an accurate assumption of time.

Charging Instructions

Charging through Electrode interfaces

It is recommended to use professional V-Mount charger to charge this battery.

Charging through D-Tap

It is recommended to use professional charger to charge through the D-TAP interface. Please note that the positive and negative poles of the D-TAP interface should not be reversed when charging.

Charging through USB-C

It is recommended to use 65W charger with PD protocol to minimize the charging time.

Discharge Instructions

- It is recommended to use in the temperature of 0~40℃ to ensure the best performance of the battery.
- D-Tap outputs DC 14.8V, maximum output 216W While the battery is used on the camera, it can also output 14.4V DC to power other devices such as interview lights.
- Standard USB outputs DC 5V 2A, maximum output 10W.
- USB-C outputs DC 20V(max), maximun output 65W.

Specifications

Voltage	14.4V	
Capacity	99Wh,6875mAh	
Output Power	BP	14.4V ⎓ 15A (Max)
	D-TAP	14.4V ⎓ 15A (Max)
	USB-C	5V / 9V / 12V / 20V(Max) ⎓ 3.25A, 65W Protocol: 1.BC1.2, IOS and SAMSUNG 2.QC2.0,QC3.0,QC3+ 3.FCP,SCP,AFC,VOOC 4.PD3.0
	USB	5V ⎓ 2.1A
Dimensions	73mm*55mm*100mm	
Weight	540g	

Package List

Power 99 Pro
V-Mount Battery x1

USB-C
Charging Cable x1

User
Manual x1

Warranty

Warranty rules

1. From the date of purchase, the product will be warranted for two years for any problem related to product quality.

2. You may contact the retailer for refund or replacement if you are not satisfied of the performance of the product within 30 days from the date of purchase.

Please note the following circumstances are not within the scope of free maintenance.

1. Product malfunction or damage caused by failure to install, use,maintain or store according to the instructions.

2. Product damage caused by disassembly / maintenance without authorization.

3. The warranty period has expired.

4. Product damage due to force majeure factors (such as earthquake, flood, fire, lightning strike, etc.) or artificial damage.

Disclaimer

We will not take responsibility for product damages or accidents caused by product due to users' misuse behavior such as overheating, short circuit intentionally, dispose of in fire, etc..

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