

USER MANUAL

YC-AC16S Mini Hot-Swap Dual V-Mount Battery Plate

Thank you for choosing our product, please read this manual carefully before operating and save it for future reference.

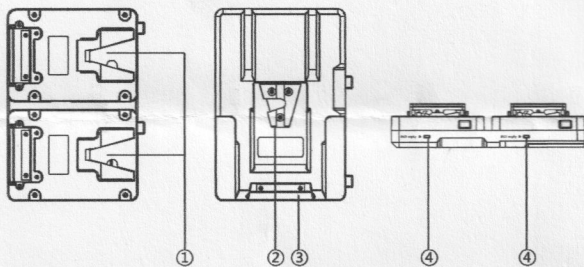
Features

- This product enables two mini V-mount batteries of the same voltage to output simultaneously.
- It is a good power solution for high-power equipment.
- Allows hot-swappable two batteries to provide continuous power supply.
- Low battery voltage warning.
- Light and portable.

Technical Specifications

Model	YC-AC16S		
Input	V-Lock Battery*2	Output	V-Lock Battery*1
Rated Output Voltage	14.4V		
Max. Output	Power (Sequential output)	Max. output power is the same as that of a single battery when two identical batteries attached.	
		Max. output power is the same as the low-power battery when two different batteries attached.	
	Power (Simultaneous output)	Max. output power is twice that of a single battery when two identical batteries attached.	
		Max. output power is twice that of the low-power battery when two different batteries attached.	
Current	15A Max. (Single battery output)		
	20A Max. (Two batteries output)		
Work Temp.	-10°C~50°C		
Dimensions	5.91*4.25*1.38inches		
Weight	0.57lbs		
Applicable Battery	Mini V-Mount batteries no wider than 2.87inches		

Appearance



- ① Female V-lock Connector ② Male V-Lock Connector
③ BP Electrode Output ④ Low Voltage Warning LED

“Warning LED” Instructions:

1. When the batteries attached, the corresponding red LED lights up solid and goes off after about 10 seconds, that means the corresponding channel recognize battery input.
2. When the battery voltage is low, the Warning LED will keep flashing until the battery is completely discharged.

Instructions

- When a single battery is attached, the output voltage/ current is the same as this battery.
- When two batteries with different voltage are attached, the high-voltage battery will give priority to output the same voltage as itself, with a maximum current of 15A. When it is discharged to the same voltage as the low-voltage battery, both batteries will discharge simultaneously.
- When two batteries with the same voltage are attached, the output voltage is the same as one of the batteries with a maximum current of 20A.
- When the battery voltage is lower than 12.5V, the low voltage warning LED will flash, please replace the battery immediately.

Warning

- Keep away from water and fire.
- Avoid heavy hits.
- Please use recommended batteries.
- Please ensure that the power of the equipment using this plate meets the requirements.
- Keep the electrodes clean and do not short-circuit them.

Warranty

Warranty rules

- Warranty period is 12 months from the date of sale to the direct customers. 7 days free return, 15 days free replacement, 12 months free repair is provided for products with performance defects under normal use.

This warranty does not cover any problems related to the following:

- Damage caused by normal wear of parts, scratches, surface rust or deterioration.
- Damage caused by improper operating, abnormal use, improper storage, or lack of regular maintenance.
- Removed or altered product stickers or serial numbers which void our warranty.
- Product repaired, dismantled, or altered by unauthorized technical personnel.
- Products beyond the warranty period.
- Damage caused by force majeure (such as fire, flood, war, earthquake, snowstorm, etc.)

Disclaimer

The company shall not be liable for any equipment damage or safety incident caused by failure to follow instructions in the user manual.