

SWIT®

Li-ion V-Mount Battery
HB-C420S
Ver: A

USER MANUAL

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Thank you for choosing SWIT products, please read this user manual before using and keep it properly for future reference.

Warning

Remember the following precautions to avoid fire and other safety hazards!

- Do not expose to heat and never throw the battery in a fire to avoid over-heat, battery broken.
- Do not pierce or drill into the outer casing of the unit.
- Do not use outside of specified temperature ranges.
- Do not leave or charge the battery exposed to excessive heat such as in a car or directly under the sun light.
- Do not attempt to use the battery if damaged.
- Do not subject the unit to extreme physical impact or pressure, or Place any object across the terminals that could cause it to short.
- Charge with SWIT battery charger only.
- Keep away from child.

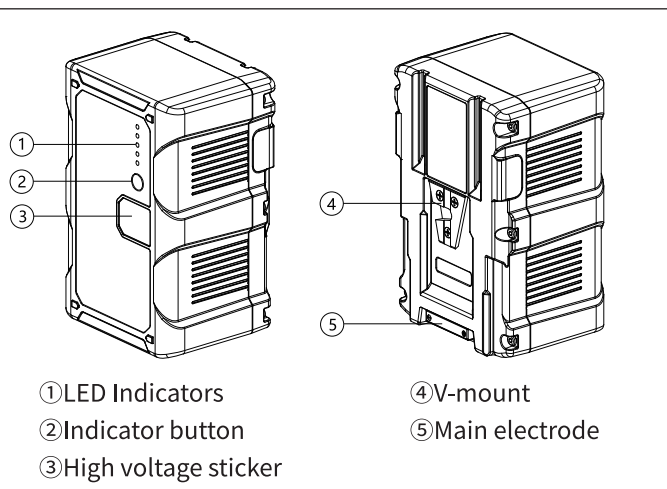
Caution

- It is normal for the battery to heat up during charging and discharging.
- Always keep the connectors clean.
- The battery will still power down naturally during storage, store in cool and dry conditions, keep the capacity of battery between 25%-50%.
- Battery will get into sleep mode without using for 10 days, need to charge or press button to recover.

Features

- Support 28.8V, 500W output.
- Five power status LED indicators accurately display remaining power capacity.
- There are four types of protection circuits to ensure the battery is protected from Over-charge, Over-discharge, Over-current and Thermal protection.

Appearance



Charging

- Can be charged with SWIT PC-P461S charger.
- The LED Indicator light will show the remaining power when charging (20%, 40%, 60%, 80%, 95%).
- The ambient temperature range for charging is 32~104°F (0~40°C), however, 50~86°F (10~30°C) is recommended for optimizing the charging performance.

Discharging

- The ambient temperature range for discharging is -4~122°F (-20~50°C), however, 14~104°F (-10~40°C) is recommended for optimizing the discharging performance.

Specifications

Model	HB-C420S	
Capacity	420Wh, 14.7Ah	
Nominal voltage	28.8V	
Output power	Main electrode	Discharge Charge
		500W, 20A
		33.6V~3A
Dimensions	100.97mm x 154.97mm x 80mm	
Dimensions(With package)	107.05mm x 164.6mm x 5.43mm	
Weight	2.081kg	
Weight(With package)	2.119kg	
Charging temperature	0°C~40°C (Recommend 10°C~30°C)	
Discharging temperature	-20°C~50°C (Recommend -10°C~40°C)	
Storage temperature	-20°C~50°C	