

SWIT®

PC-P460S/A/B

Portable 4-ch Battery Fast Charger

Ver:A

USER MANUAL

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Thank you for choosing SWIT products. Please read the instructions before using, and keep it for future reference.

Warning

Keep in mind the following precautions to avoid fire or electric shock!

- Never expose the battery charger to rain or moisture.
- Never attempt to open the battery charger, please contact the local agent if have problems.
- Never use metal or other conductors to touch the inside of the battery charger.
- Never short-circuit the battery charger terminals.
- Please make sure the voltage range is fit for the battery charger.

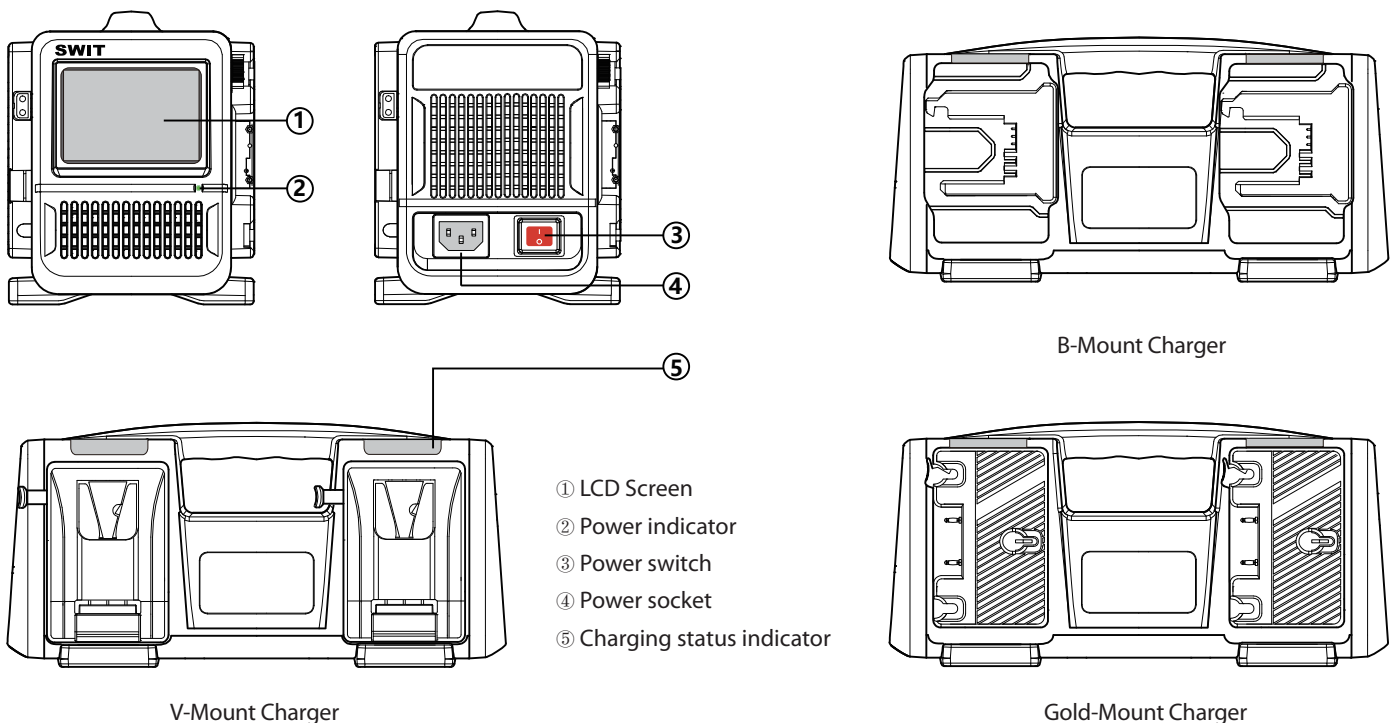
Caution

- Only limited to charge specified battery(ies), it may cause danger if charge other battery(ies) due to incompatibility problem.
- Keep the terminals clean and ensure the reliable connection.
- It is a normal phenomenon that the battery charger may become warm in use.
- Do not cover the cooling vent.
- Please do not put the battery charger on unstable place, it may fall and cause serious damage.
- Do not use other brand AC power cable to avoid damage.

Features

- Intelligent identification of fast charging battery, support 4-ch 6A fast charge simultaneously.
- Real-time monitoring of the current state, intelligent regulation of charging current.
- 3.5 inch full-view highlight screen for real-time monitoring of battery and charging information in various light environments.
- 4-ch super big independent LED, Clear indication of battery charging status.
- Full range of temperature, voltage, current protection functions

Appearance



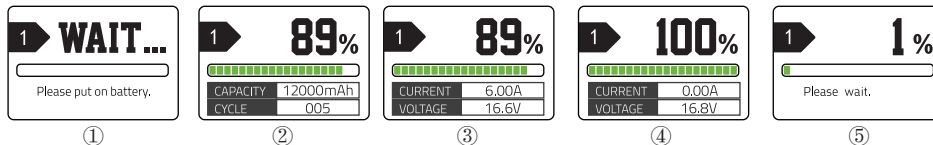
Charging and Display Function

1. Standby

- Charging status indicator :
 - 0%~80% Red light always on
 - 81%~99% Green light flash
 - 100% Green light always on
 - Error: Red light flash

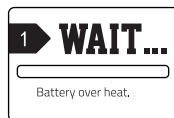


2. Charging



- After mounting the battery, the charger prepares to charge.
- Show the capacity and cycle times for 5s, then enter in charging interface.
- Show the percentage of battery capacity, battery voltage and the charging current.
- Charging complete.
- Battery abnormal situation handling interface, waiting for about 30s to exit this interface.

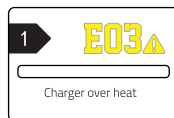
3. Relationship between charging current and battery temperature of fast charging battery:



Battery temperature	Charging current
<45°C	6A
≥45°C	3A, Battery regain 6A fast charge after battery temperature is under 40°C

- When the battery get over-heat protection, charger can recognize the temperature of battery, battery will be recharged after the temperature is under 45°C.

4. Error



Code of Error:

E01	Battery initialization failed	Please check the battery status and try to replug.
E02	Communication failed	Please replug the battery.
E03	Charger over-heat protection	Please check if the fan is working normally, If so, move the charger to a cold place.
E04	Charger fault	Please replug the battery.
E05	Self-check fault	Please restart the charger.

Specifications

Model	PC-P460S	PC-P460A	PC-P460B
Mounting model	V-Mount	Gold-Mount	B-Mount
Input voltage	100 ~ 240VA, 50/60Hz		
Input power	450W(Max)		
Output voltage/current	16.8V, 3A /6A×4ch		33.6V, 3A×4ch
Operating temperature	0°C ~ 40°C		
Operating humidity	10%RH~90%RH		
Dimension	330×153×162mm	330×135.6×162mm	330×140×162mm
Net weight	About 2.43kg		