

SWIT®

FlyDuo

Dual Batteries Hot Swap Plate

Ver:A

USER MANUAL

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Congratulations on your purchase of this product. Please read this user manual carefully.

Warning

- It is recommended to use batteries of SWIT PB-M series, Mino series and OMNI series. (Batteries of other brands and models may not work properly)
- Make sure the power-consuming equipment(s) meet the battery specifications.
- Keep the terminals clean and never short-circuit the plate terminals.

Features

- Intelligent identification of load power, automatically adjusting the dual batteries to supply power simultaneously or sequentially.
- Supports hot swapping for uninterrupted power supply when the total load power does not exceed the rated power of either battery.
- Support battery real-time power indicating and battery empty power reminding.
- Support SONY/RED camera remaining time display.
- Dual D-TAP output socket, powering the camera and other devices simultaneously.
- One USB-C output port compatible with multiple fast charging protocols including PD2.0,3.0/3.1.
- Ultra-thin design, light and portable.

Description of appearance

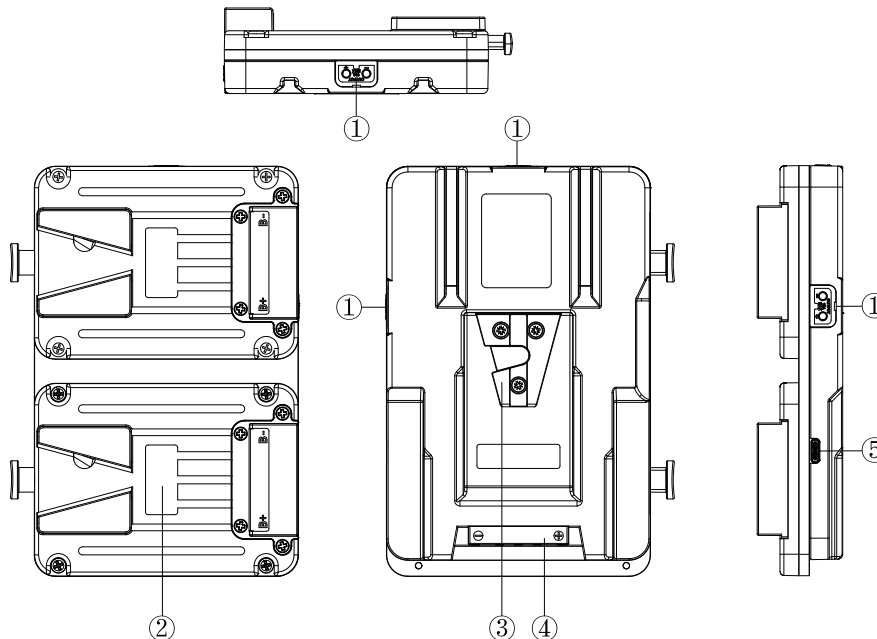
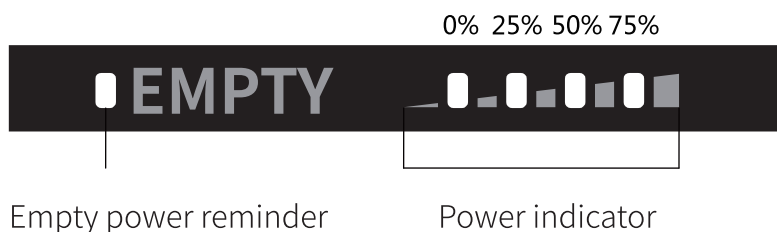


Fig.1

- ① D-TAP output socket
- ② V-mount plate
- ③ V-mount lock
- ④ BP main electrode output interface
- ⑤ USB-C output port



Total load power $\leq$ rated power of either battery	Automatically switch to dual batteries sequential power supply mode.
	Intelligently identify the remaining power of the dual batteries. The battery with lower power is used first. When the power of the low-power battery drops below 6%, the system automatically switches to the high-power battery for power supply. This can reduce instances where the camera triggers a low-power alarm due to insufficient power of the currently active battery.
	When the charge level of both batteries is lower than 6%, the two batteries supply power simultaneously until under-voltage protection is triggered or the batteries stop supplying power.
	Support hot swap. The user can replace any battery at any time.
Total load power > rated power of either battery	Automatically switch to dual batteries simultaneous power supply mode.
	Support different power batteries to supply power simultaneously.

●Constantly On; ○Off; ★Flashing

Specification

Model				KA-M20C	
Input and Output	Input Interface	V-Mount ×2	Input Voltage	10.8V-16.8V	
			Compatible Batteries	SWIT PB-M series, MINO series, OMNI series batteries are recommended.(Batteries of other brands or other models may not work normally.)	
			Applicable Voltage	Only suitable for batteries with rated output voltage of 14.4V	
	Output Interface	BP×1	Output Voltage	10.8V-16.8V	
			Rated Output Power / Current	Single battery power supply: Same as the output power/current of the battery	
				Dual-battery power supply: 250W / 20A	
			Short-circuit Protection	Supported (auto-recovery after about 10 seconds)	
		D-TAP ×2	Output Voltage	10.8V-16.8V	
			Rated Output Power / Current	Single battery power supply: Same as the output power/current of the battery	
				Dual-battery power supply: 250W / 20A	
				Single port: 125W / 10A	
			Short-circuit Protection	Supported (auto-recovery after about 10 seconds)	
		USB-C ×1	Rated Output Power	100W(Max), 5V/9V/12V/15V (Max)— 3A 20V (Max)— 5A	
			Supported Protocols	1. BC1.2, Apple and Samsung protocols 2. QC2.0, 3.0 3. FCP, SCP 4. PD2.0, 3.0 / 3.1	
			Short-circuit Protection	Supported (auto-recovery after about 10 seconds or after reconnecting the battery)	
			Max Output Power	Sequential Power Supply Mode	BP
		USB-C			100W(Max) 20V— 5A
		D-TAP			Same as the rated power of a single battery (same model battery) Same as the rated power of the lower-power battery (different model batteries)
	Total Output	Same as the rated power of a single battery (same model battery) Same as the rated power of the lower-power battery (different model batteries)			
	Simultaneous Power Supply Mode	BP		250W/20A	
		USB-C		100W(Max), 5V/9V/12V/15V (Max)— 3A 20V (Max)— 5A	
		D-TAP		250W/20A	
		Total Output		Same as the total output power of two batteries	
	Operating Temperature			-20°C~50°C	
	Dimensions			153.0 x 107.4x 31.9mm	
	Net Weight			383.5g	