

SWIT®

BC-PD100

D-tap to USB-C
100W Bi-directional
Ver: A

USER MANUAL

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

Warning & Caution

- Use the product in a dry and well-ventilated environment. Avoid rain and moisture.
- Ensure the firm connection between the D-TAP connector, power module and external devices.
- Do not disassemble or modify the product to avoid internal circuit damage.
- Keep the product away from extreme high or low temperature environments.
- Check the product before use. Do not use it if there is visible damage.
- Do not exceed the rated input or output power.

Product Brief

- This product is a D-TAP to USB-C PD 100W bi-directional power module designed for V-mount or Gold mount batteries.
- It can convert the D-TAP power output of professional camera batteries into USB-C PD power, allowing users to power or charge laptops, tablets, smartphones and other USB-C devices.
- The module also supports USB-C PD input to charge camera batteries through the D-TAP interface, enabling flexible power management in professional video production environments.
- With its 100W high-power support, LED power indicators and 1/4" mounting screw, the module can be conveniently installed on camera cages or rigs for professional use.

Features

- D-TAP to USB-C PD bi-directional power conversion
- Support up to 100W USB-C PD fast charging
- Compatible with laptops, tablets, smartphones and other USB-C devices
- USB-C input allows charging of V-mount or Gold mount batteries
- Built-in protection: reverse polarity, over-current, over-voltage and over-temperature
- LED power indicators to monitor charging and discharging status
- Durable CNC aluminum alloy housing
- 1/4" mounting screw for camera cage installation

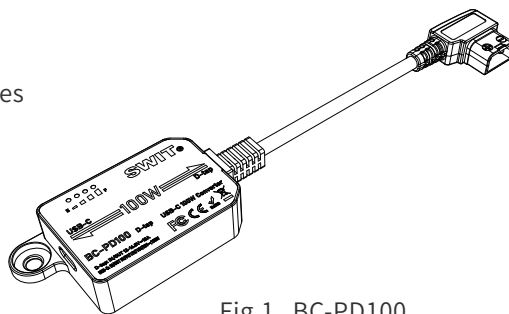


Fig.1 BC-PD100

Specification

Model	BC-PD100
Product Type	D-TAP to USB-C PD bi-directional power module
Input - D-TAP Input	12V – 16.8V, 10A
Input - USB-C PD Input	5V / 9V / 12V / 15V / 20V, Max Power: 100W
Output - D-TAP Output	12V – 16.8V, 6A
Output - USB-C PD Output	5V / 9V / 12V / 15V / 20V, Max Power: 100W
Compatible Battery	All batteries with D-TAP output
Supported Charging Protocols	PD3.0; QC2.0 / QC3.0 / QC3.0+; AFC; FCP; SCP; DRP / Type-C SRC