



## DUO-150

146Wh V-Mount Li-ion Battery with 2 x D-Tap and 1 x USB outputs

The new DUO-150 is aimed at the Digital Cinematography market where high current loads of 10A/120W are standard. DUO-150 is equipped with (2) D-Tap connectors and (1) USB power out connector for powering peripheral equipment. The DUO-150's high capacity of 146Wh gives extended running times while being under the 160Wh IATA limit for carry-on aircraft baggage.

### DUO-150 Product Features:

- Manufactured in co-operation with Sanyo, the world's premier supplier of Lithium Ion cells.
- High current draw up to an impressive 10A / 120W.
- 2 x D-Tap DC output (unregulated) connectors each capable of taking a 50W load.
- USB Type-A power output, regulated at 5V (1A/5W max draw). Auto shut off function when not active for 30min.
- 5 Power Status LED's are located on the side of the DUO-150 for a quick and accurate check of remaining capacity
- Battery circuit protection ensures the DUO-150 is fully protected against common causes of battery misuse, guarding against over charge, over discharge, over current and exposure to high temperatures.
- 12V auto cut-off prevents over-discharging (while load is applied).
- Lightweight compact high performance Li-Ion battery with a durable innovative design.
- Attaching DUO-150 batteries to cameras without a standard V-Mount connection is possible through the use of P-V2 and P-VS2 adaptor plates, available separately from IDX.
- The DUO-150 is fully compatible with all ENDURA V-Mount chargers and accessories.



### Technical Specification

#### Battery Capacity:

14.8V, 9.8Ah, 146Wh\*

#### Max. Output Voltage:

16.8V DC

#### Nominal Voltage:

14.8V DC

#### Maximum Discharge Current:

10A / 120W (at 104°F or less)  
(total with D-Tap and USB)

7.9A 95W (between 104 – 113°F)  
(total with D-Tap and USB)

D-Tap: 4.1A / 50W each

USB: 1A / 5W

#### End Voltage:

12V (Auto cut-off protection)

#### Battery Protection:

Reverse charge  
Over charge (reset)  
Over discharge (reset)  
Over current (reset)  
Temperature protection

#### Ambient Temperature:

To charge:  
32°F ~ 104°F (50°F ~ 86°F recommended)

To discharge:  
-4°F ~ 113°F (50°F ~ 104°F recommended)

To store:  
-4°F ~ 122°F (one month)

#### Dimensions:

3.82(W) x 5.75(H) x 2.32(D) inches

#### Weight:

2.31lbs approx.

\*IDX measures capacity of lithium ion batteries as a minimum capacity

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