

# IDX DUO-C198

191Wh High-Load Battery with D-Tap (x2) and USB

## Announcing the Next Generation of IDX Compact Battery

The DUO-C198 is newest, compact, high capacity battery solution for digital cinema cameras and camera stabilizer systems where long runtimes are required. With its ultra-robust 191Wh capacity and compact 2.3lb design, the DUO-C198 can provide mobile power to cine-style cameras such as the ARRI ALEXA Mini and Weapon effortlessly for extended periods. The new SMBUS allows RED camera users to see data in the viewfinder!

The DUO-C198 also includes a 'D-Tap Advanced' charge/discharge port. The D-Tap Advanced port can be used to charge the battery with a low cost IDX D-Tap charger and is compatible with all IDX D-Tap connectors. Additionally, a standard D-Tap and USB output are available to power accessories such as monitors, lights, wireless receivers, tablets, phones and more!



## Features

**Capacity** of 191Wh

**Discharge rate** of 14A / 120W

**Slim profile** of 25.4mm / 1.5in

**D-Tap Advanced** for charging/discharging (50W max)

**Standard 50W D-Tap** for powering 12V accessories

**5V USB** for powering and charging phones, tablets and USB devices

**Protection** against overcurrent/charge/discharge, and thermal.

**SMBUS**

## Technical Specifications

**Capacity:** 191Wh (14.4V, 12.8Ah)

**Max. Output Voltage:** 16.8V DC

**Max. Discharge Current**

14A/120W (at 40°C / 104°F or less)

7.9A/95W (at 40°C ~ 45°C / 104°F ~ 113°F)

**D-Tap:** 4.5A/50W

**USB:** 2.3A/ 11.5W

**End Voltage** of 11V

**Battery Protection**

Over Charge

Over Current

Over Discharge

Thermal

**Ambient Temperatures**

Charging.....

0°C ~ 40°C (10°C ~ 30°C recommended)

32°F ~ 104°F (50°F ~ 86°F recommended)

Discharging.....

-20°C ~ 45°C (10°C ~ 40°C recommended)

-4°F ~ 113°F (50°F ~ 104°F recommended)

Storing.....

-20°C ~ 50°C (one month)

-4°F ~ 122°F (one month)

**Weight:** approx. 1,100g / 2.42 lbs.

**Dimensions**

97 (W) x 146 (H) x 59(D) mm

3.82(W) x 5.75 (H) x 2.32 (D) in.

## D-Tap Advanced



The three pin design allows for safe charging/ discharging operations while still maintaining compatibility with standard D-Tap connectors.

## Power Outputs



Standard D-Tap and USB power outputs available for powering accessories.



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