



ENDURA ELITE

142Wh Li-ion, Power Cartridge V-Mount Battery

With 14.8V, 9.6Ah, 142Wh of power, the ENDURA ELITE has been developed to support the higher loads and power requirements of HD cameras. As well as offering prolonged run times and long life operation, the ELITE is specifically designed to meet the latest air transport regulations from IATA.

ENDURA ELITE Product Features:

- **Two identical PC-14 Power Cartridge's** are housed inside the outer casing of the ELITE. This design allows for an easy exchange of cartridges, reducing the cost of replacement batteries.
- **IATA approved** for unrestricted carry-on airline carriage. At 9.6Ah/142Wh the ELITE is the only Li-ion battery over 100Wh that is IATA approved. Each PC-14 Power Cartridge can be removed and stored separately prior to flight. For further clarification please contact IDX.
- **Digi-View** gives the camera operator an accurate display of the ELITE's remaining capacity, shown via the camera's viewfinder.
- **5 LEDs** are located on the side of the ELITE with 10 settings to display remaining battery capacity. This is done by increments of 10% by full/flashing combination of the 5 LEDs.
- **BMS** is a unique software package that enables users to monitor the history and condition of their batteries to increase their life span. BMS gathers battery data and provides PC access to a comprehensive database, invaluable when managing large fleets of ELITE, E-10 and E-7 batteries.
- **Battery circuit protection** ensures the ELITE is fully protected against common causes of battery misuse, guarding against over charge, over discharge, over current and exposure to high temperatures. This high level of protection is built into both PC-14 Power Cartridges.
- **The highest grade Lithium Ion cells** are used to ensure the ELITE is one of the most reliable batteries available, as well as being the safest and most environmentally friendly.
- **Weighing only 1.25Kg** the ELITE is compact and durable, ideal for regular use and transportation to and from location.
- **Attaching ELITE 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 ELITE can be fully recharged** quickly and safely using a sequential or simultaneous ENDURA charger.



Technical Specification

Battery Capacity:

14.8V, 9.6Ah, 142Wh

Max. Output Voltage:

16.8V DC

Nominal Voltage:

14.8V DC

Maximum Discharge Current:

9.6A (114W)

End Voltage

12V (factory setting) with an option to deactivate. Please check camera specification for optimum performance.

Battery Protection:

Built into individual Power Cartridges:

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

Ambient Temperature:

To charge:
0°C ~ 40°C (10°C ~ 30°C recommended)
To discharge:
-20°C ~ 50°C (10°C ~ 40°C recommended)
To store:
-20°C ~ 60°C (-0°C ~ 20°C recommended)

Dimensions:

100(W) x 170(H) x 70(D) mm

Weight:

1.25Kg approx.

E&OE

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