

PAG L96e Series

- 96 watt-hours (14.8V 6.5Ah)
- 8A continuous output
- High-capacity and long-life Li-Ion cells
- Run-time and capacity indicator
- Auto-compatibility with multiple viewfinder data systems
- V-Mount, Gold Mount® & PAGlok models
- Combine the capacities of 2 batteries for longer run-time or a greater current draw (10A) using a PAG Power Plate
- Advanced electronic protection system
- Circuits protected against electrolyte
- No service charging required
- Reset after cut-out using display button
- Compatible with Li-Ion chargers of other reputable manufacturers
- UN tested and IATA compliant for air transport
- 2 year guarantee



High-Quality Li-Ion Broadcast Battery

The PAG L96e is a high-quality Li-Ion camera battery, designed for broadcast ENG acquisition and video production. It is available in 3 formats: V-Mount, Gold Mount and PAGlok, each incorporating a 5 LED run-time and capacity indicator.

The L96e provides a maximum continuous output of 8A, with a capacity of 96 watt-hours. Two fully-charged L96e batteries will power most broadcast cameras for a whole day. The capacities of two L96e batteries can be combined (192Wh) for longer run-times and a higher current draw (up to 10A), by using a PAG Power Plate dual battery mount.

The Premier Battery for Cycle Life

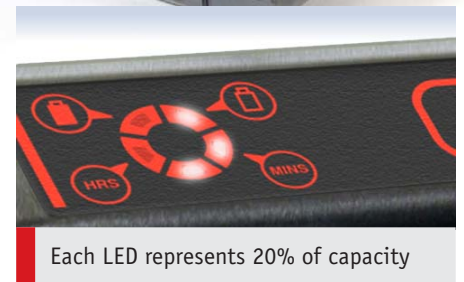
The PAG L96e incorporates a premium quality cell pack, a superior design and construction and a comprehensive electronic protection

system. It is guaranteed for 2 years, however, the majority of PAG customers experience battery life that goes way beyond this, and far in excess of the industry average.

Flight-Friendly

PAG Li-Ion batteries have been independently tested and certified to comply with UN safety regulations for Air Transport. The L96e has a capacity below 100 watt-hours and is therefore suitable for air transport on passenger aircraft, in hand-luggage, without quantity restriction.

The V-Mount and PAGlok models are compatible with multiple viewfinder data systems, such as those used by Sony and Red. They display available capacity as a percentage and adjust automatically when encountering a different system. The Gold



Each LED represents 20% of capacity

Mount model is compatible with the camera data system that also allows Anton/Bauer® batteries to display capacity in the viewfinder or LCD.

Run-Time Indicator

The PAG L96e features a built-in run-time and capacity indicator. On-load, the 5 LED display shows remaining run-time in hours and minutes, to a resolution of 10 minutes. The display also shows battery state-of-charge as a percentage. Each LED represents approximately 20% of available capacity.



PAG BATTERIES ARE THE MOST TECHNOLOGICALLY ADVANCED IN THE INDUSTRY

PAG batteries are manufactured to withstand the strains and stresses of use in the harshest environments, and to perform consistently over their lifetime. They incorporate many unique proprietary features designed to assist the cameraman - such as an accurate capacity and run-time indication - as well as features designed to prolong battery life. PAG uses only the highest quality components in the construction of its batteries. Safety, reliability, and durability are the prime concerns, from conception to final assembly.

THIS IS THE PAG TOTAL BATTERY DESIGN PHILOSOPHY

Run-Time and Capacity Indicator

The L96e battery displays capacity as a percentage (each LED = 20%)
1 LED flashing = less than 10% of capacity available. See Specification.



Two button presses on-load activates the time display. The 'HRS' LED flashes twice.



The number of hours is indicated by the number of lit LEDs:
1 LED = 1 hour.



The 'MINS' LED then flashes twice.



The number of minutes is indicated: 1 LED = 10 mins.

PAG L96e Battery / V-Mount



- 96 watt-hours, 14.8V 6.5Ah
- 8A maximum discharge
- Any V-Mount Li-Ion charger
- 130 x 86 x 47mm / 749g

Model 9310V

PAG L96e Battery / Gold-Mount®



- 96 watt-hours, 14.8V 6.5Ah
- 8A maximum discharge
- Anton/Bauer or PAG Li-Ion chargers
- 130 x 86 x 52mm / 760g

Model 9310A

PAG L96e Battery / PAGlok



- 96 watt-hours, 14.8V 6.5Ah
- 8A maximum discharge
- PAGlok Li-Ion chargers
- 130 x 86 x 42mm / 731g

Model 9310

Specification

Construction:

The casing for these models consists of high-impact polycarbonate injection mouldings, designed to protect the cells from impact damage. The cells have welded interconnections of low-resistance nickel strap. The batteries are sealed and non user-serviceable.

Cells:

Premium grade Lithium-Ion sealed rechargeable cylindrical cells.

Voltage:

14.8V nominal. The battery contains 12 cells connected in series/parallel. Each cell has a nominal voltage of 3.7V.

Capacity:

Nominal 6.5 ampere-hours, with a charge voltage of 4.2V per cell.

Output Current:

Rated maximum continuous output current is 8 amperes.

Protection:

The battery incorporates the following safety shutdown systems:

- 3 over-current shutdown systems.
- 2 over-voltage shutdown systems.
- 2 under-voltage shutdown systems.
- 2 thermal shutdown systems, including a non-resetting thermal fuse.

The protection circuits within the battery feature an electrolyte-resistant coating.

Discharging Temperature Range:

-20°C to +50°C (optimum +10°C to +40°C).

Run-Time Indication: (see above).

Capacity Indication:

A single button-press displays charge status in terms of percentage. The LEDs light clockwise, from the top right round to the top left.

5 LEDs	=	80 - 100%	remaining
4 LEDs	=	60 - 79%	remaining
3 LEDs	=	40 - 59%	remaining
2 LEDs	=	20 - 39%	remaining
1 LED	=	10 - 19%	remaining
1 LED flashing	=	0 - 10%	remaining