Choosing PAG shows others that you demand the best

PAG™
Professional Broadcast Equipment

Longer Lasting Li-Ion

PAG L95 Li-Ion Time Battery

Advanced Li-Ion Technology

Lithium-Ion technology possesses a fantastic power-to-weight ratio. It is for this reason that it is especially well suited to the latest professional broadcast cameras.

The PAG L95 Li-Ion Time Battery combines power, accuracy and reliability, making it the industry's most advanced battery. The 14.8V 6.5Ah pack has a capacity of 95 watt-hours and yet weighs only 745g. The result is increased run-time for both a camcorder and a camera light up to 35W. Two L95s will provide enough power for a days shooting with most camera and lighting set-ups, and are small and light enough to be stowed in your camera bag.

Power & Time Display

One of the major advantages of PAG's digital Li-Ion battery is the PAG Power & Time Display; it is the industry's most accurate capacity indication device. PAG's unique display shows remaining camera run-time, on-load, counting-down in 1 minute increments. The easy-to-read digital character display also shows available capacity in 1% or 0.1Ah increments.

The PAG Power & Time Display is far more accurate than other so-called 'Real-Time' displays or LED arrays. It automatically evaluates the battery condition as well as the conditions of use to provide an accurate reading, which is updated against changes in load. PAG is the only manufacturer to offer this level of accuracy.

One Battery, All Systems

PAG is the only manufacturer that provides its premier digital Li-Ion battery in the three most popular formats: PAGlok, V-Mount (Sony) and Snap-on* (Anton-Bauer).

Charging

To ensure the longest possible cycle life, PAG L95s should be charged with PAG all-chemistry chargers. Both 2 and 4 channel models are available that incorporate compatible battery connectors. It is also possible to charge any L95 via the front PP90 sockets of all-chemistry PAG chargers, using the appropriate charge adaptor. The V-Mount compatible L95 battery can be charged using PAG V-Series or suitable Sony chargers.

A high/low charge facility within the PAGlok and Snap-on compatible models, provides a choice between extended cycle life or high capacity, when charging with PAG all-chemistry chargers.

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The Industry's Safest Battery

PAG has incorporated many levels of protection within the L95 to ensure that it is one of the safest batteries available, of any cell-chemistry. These features help prevent the damaging processes that reduce capacity; and in combination with proprietary charging techniques, ensure a longer battery cycle life. PAG is able to offer a warranty of **2 YEARS** on the L95 Time Battery.

Quality branded cells, such as those utilised by the PAG L95, are a vital prerequisite to the creation of a safe Li-Ion battery. The L95s internal circuits are coated with Parylene, the premier conformal coating, to protect circuits against the results of severe mechanical abuse to the cell pack.

UN Certified Air Transport Safe

PAG L95 Time Batteries have been tested by an independent test facility, to comply with UN regulations as required by air transport and civil aviation authorities.

Regulations exist because poorly constructed Li-Ion batteries have been known to break down internally and self-ignite. Testing is a legal requirement of conformity with the regulations, and it is therefore inadvisable to buy Li-Ion batteries that have NOT been tested. You should always ask the manufacturer to provide a test report number that relates to the assembled battery pack, and not just the individual cells.

Specification

Model No. 9382
PAGlok professional battery connector.

Model No. 9360
Sony V-Mount compatible battery connector.

Model No. 9383
Snap-on compatible battery connector (Anton-Bauer U.S.Patent 4,218,107).

Construction:
The casing for these models consists of high-impact polycarbonate injection mouldings, featuring an internal cradle 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.

Output Current:
Rated maximum continuous output current is 7 amperes.

Variable Charge Voltage:
The battery can be manually set to control the charge voltage to either 4.1V or 4.2V per cell. This allows the user to make a choice between extended battery cycle life or high capacity. (NOTE: This feature is not available with V-Mount compatible Model 9360).

Operating Temperature Range:
Optimum discharge efficiency is achieved within the temperature range +10°C to +40°C.

Capacity Data:
The battery incorporates state-of-the-art low-power microelectronic circuits, giving the user access to the battery state of charge and run-time information.

Power & Time Display:

The PAG L95 Time Battery is able to display an accurate run-time prediction, against any given load, expressed in hours and minutes on the built-in Power & Time Display.

It can also display capacity in ampere-hours in 0.1Ah increments, and percentage of remaining available capacity in 1% increments.

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).

All electronic protection circuits within the battery are designed to withstand the leakage of electrolyte.

Overall Dimensions:

	Height	Width	Depth
PAGlok*	130mm (5.1")	86mm (3.4")	42mm (1.65")
V-Mount	130mm (5.1")	86mm (3.4")	47mm (1.85")
Snap-on	130mm (5.1")	86mm (3.4")	52mm (2.00")

**excluding locking claws*

Weight:

PAGlok	745g (1.64lbs)
V-Mount	745g (1.64lbs)
Snap-on	760g (1.67lbs)

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