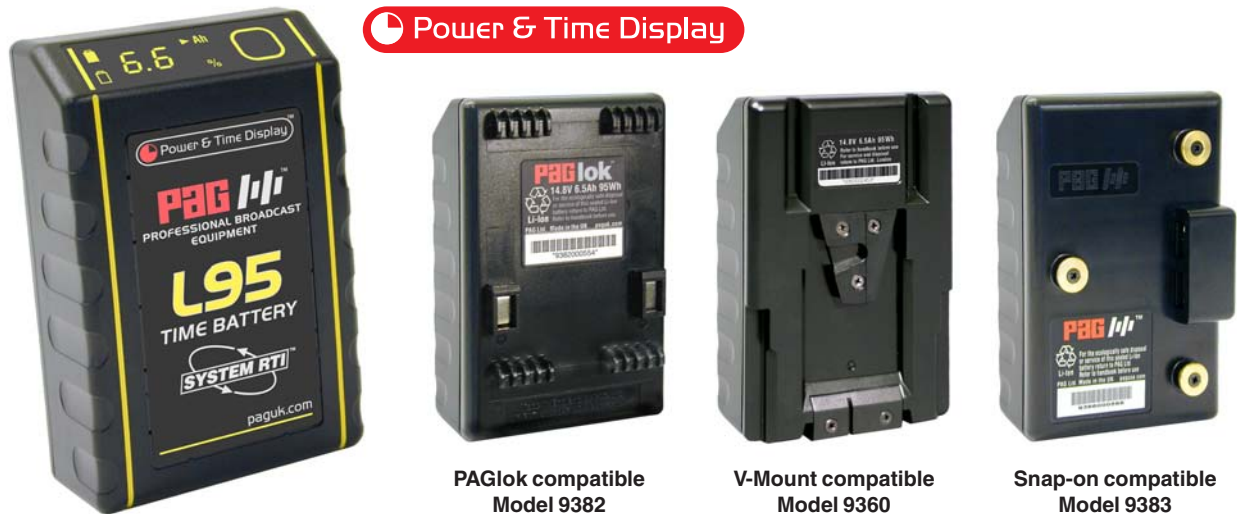




# ONE BATTERY ALL SYSTEMS

## PAG L95 Digital Li-Ion Time Battery



The introduction of the new V-Mount compatible **L95 Time Battery** means that PAG is now the only manufacturer that provides its premier digital Li-Ion battery in the three most popular formats: PAGlok, V-Mount compatible and Snap-on\* compatible.

### Advanced Lithium-Ion Technology

The PAG L95 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 - 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.

The PAG L95 V-Mount compatible Time Battery provides state-of-charge information to Sony cameras, which is displayed in the viewfinder.

### Charging

L95s can be charged with any PAG all-chemistry charger. An inexpensive charge adaptor Model 9716 is required to charge the V-Mount compatible model via the front PP90 sockets. Alternatively, the battery can be charged using suitable Sony chargers. PAG will gradually introduce a range of V-Mount compatible products, including chargers that incorporate compatible connectors.

### Unique PAG Charging Facility

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

### The Industry's Safest Battery

PAG has incorporated many safety features within the L95 to ensure that it is one of the safest batteries available, of any cell-chemistry. The battery incorporates a sophisticated electronic protection system that will disconnect the output if the load becomes excessive. Once removed from the load, battery power will be restored. The battery will not accept a charge from unsuitable charging supplies, and is protected from accepting a charge if it is too hot or too cold. The high capacity PAG L95 is fully compliant with current air transportation regulations (certification is provided with every battery).

\*Anton-Bauer connector U.S.Patent 4,218,107.

## 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.

### 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 5.5 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).

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

### Operating Temperature Range:

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

### Overall Dimensions:

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

\*excluding locking claws

### Weight:

<b>PAGlok</b>	745g (1.64lbs)
<b>V-Mount</b>	745g (1.64lbs)
<b>Snap-on</b>	760g (1.67lbs)

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