

# Specifications.

## PAG L95e Battery

### Model No. 9310

PAGlok professional battery connector.

### Model No. 9310V

Sony V-Mount 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, with a charge voltage of 4.2V per cell.

### Output Current:

Rated maximum continuous output current is 7.0 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).
- 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.

### PAG Power & Time Circle Display:

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

5 LEDs	=	> 90%	remaining
4 LEDs	=	70 - 90%	remaining
3 LEDs	=	50 - 70%	remaining
2 LEDs	=	30 - 50%	remaining
1 LED	=	10 - 30%	remaining
1 LED flashing	=	0 - 10%	remaining

The display is also capable of indicating an estimate of remaining run-time, on-load:

- > The second button-press activates the time display.
- > The 'HRS' LED will flash twice.
- > The number of remaining hours will be indicated by the number of lit LEDs: each LED represents 1 hour.
- > The 'MINS' LED will then flash twice.
- > The number of additional remaining minutes will be indicated by the number of lit LEDs: each LED represents approximately 10 minutes.

*NOTE: This product provides an estimate of remaining run-time. A more accurate and sophisticated run-time display is provided by the PAG Power & Time Display, incorporated in the L95 Time Battery.*

### 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")

\*excluding PAGlok claws

### Weight:

<b>PAGlok</b>	731g	(1.61lb)
<b>V-Mount</b>	749g	(1.65lb)

## PAG L95 Time Battery

### Model No. 9382

PAGlok professional battery connector.

### Model No. 9360

Sony V-Mount compatible battery connector.

### Model No. 9383

PAG 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 7.0 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).
- All electronic protection circuits within the battery are designed to withstand the leakage of electrolyte.

### 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.

### Power & Time Display:

The PAG L95 Time Battery incorporates state-of-the-art low-power microelectronic circuits, giving the user access to the battery state of charge and run-time information. The 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.

### 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 PAGlok claws

### Weight:

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