

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
PAGlok	130mm (5.1")	86mm (3.4")	42mm (1.65")*
V-Mount	130mm (5.1")	86mm (3.4")	47mm (1.85")

*excluding PAGlok claws

Weight:

PAGlok	731g	(1.61lb)
V-Mount	749g	(1.65lb)

PAG Ni-Cd Batteries & Chargers.

Nickel-Cadmium batteries, designed for professional broadcast applications, are not affected by European Union legislation preventing the sale of Ni-Cd batteries in the EU, which came into effect in September 2008. The legislation provides exemption for Ni-Cd batteries intended for industrial and military use. For this reason PAG continues to sell its Ni-Cd battery range. PAG will aim to meet your demand for Ni-Cd batteries, where possible, until Ni-Cd cells are no longer available, or become uneconomic.

The process of developing alternative products for the Ni-Cd range has already begun with the introduction of the ZL-Series batteries and Ni-MH Pagbelts. These batteries utilise the latest high-capacity, long-life Ni-MH cells, and are capable of providing the higher-currents that new, high-definition cameras require. The new Ni-MH cells are superior to those available when this technology was first introduced to the Broadcast Industry.

PAG continues to manufacture 30V AR Series chargers optimised for charging 24V to 30V Ni-Cd batteries. They are available in single or four-channel models and incorporate XLR-4 (M) connectors.

For more information about PAG Ni-Cd battery packs, belts and chargers you can visit www.paguk.com and download:

PAG Professional Ni-Cd Products 2009.pdf

Alternatively, please contact the PAG Sales Department.

