

DATA SHEET

PAGlink HC-PL94T Gold Mount Battery

PAG-9306 / EAN 5060854320063

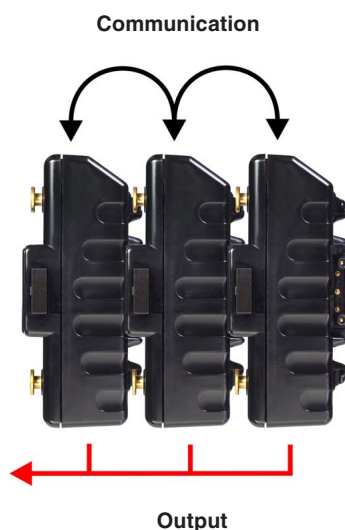
- Rechargeable Lithium-Ion.
 - 94 Watt-hours, 14.8V 6.5Ah.
 - Intelligent linking technology that allows batteries in any state of charge to be linked, combining capacities (2 linked = 188Wh, 3 = 282Wh).
 - Current draw capability of 12A when linked, 10A individually.
 - Hot-swap batteries for continuous power.
 - Ideal for powering broadcast cameras and accessories simultaneously.
 - Numeric Run-Time, Charge Status & Data Display.
 - Intelligent battery that communicates and manages its own charge and discharge safely.
 - Up to 8 PAGlink Gold Mount batteries can be linked for charge or discharge, regardless of rated capacity or state of charge.
 - Compatible with PAGlink and Anton Bauer Li-Ion chargers.
 - Batteries can be charged whilst linked.
 - Compatible with camera data system that display capacity in the viewfinder/LCD.
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- Durable case construction.
 - Hard-wearing, high-current contacts.
 - Battery firmware can be updated externally.
 - Independently tested to UN standard to meet air transport regulations.
 - 3 year warranty with unlimited cycles during that period.

Intelligent Gold Mount Batteries

PAGlink Gold Mount batteries are designed as a high-current replacement for all Anton/Bauer Li-Ion batteries. PAGlink is the first intelligent linking battery system designed for today's computerised cameras. It offers more power, more benefits and more technological advancements than any other battery system. PAGlink makes other battery systems seem crude by comparison.

The compact and lightweight PAGlink Li-Ion batteries are compatible with A/B Gold Mount camera plates and with A/B Li-Ion chargers; there is no need to replace expensive equipment in order to benefit from the many advantages of PAG's revolutionary, intelligent linking batteries.

Two or more PAGlink batteries of any capacity, in any state of charge, can be linked, combining their capacities, increasing run-time, and enabling a higher current to be drawn. Up to 12A can be supplied, via high-current contacts, for power-hungry camera set-ups that include multiple accessories. Individually, PAGlink Gold mount batteries have maximum continuous output of 10A.



PAGlink also allows batteries to be hot-swapped for continuous power, which means no more time-wasting camera reboots while shooting. Intelligent PAGlink batteries form a network when linked, allowing them to communicate with each other and manage output safely and efficiently. The batteries do not discharge into one another.



Linking two PL94T batteries produces a capacity of 188Wh, three give you 282Wh.

Run-Time & Charge Status

PAGlink Gold Mount batteries incorporate a convenient, numeric display that with two button presses, on-load, shows remaining camera run-time in hours and minutes. When batteries are linked, the run-time figure is for the entire stack.



A single button press shows individual battery charge status as a percentage, in 1% increments. The display maintains accuracy by tracking cell-performance and adjusting calibration values to compensate for cell-aging.



PAGlink batteries display their charge status in the camera viewfinder/LCD by communicating automatically with the data system that also allows Anton/Bauer batteries to display charge status.

More Efficient Charging

Up to 8 PAGlink batteries in any state of charge can be linked for charging as well as discharging. Linked charging was developed by PAG and is unique to the PAGlink system. Your batteries can be stacked for overnight charging on one charger, putting an end to midnight battery swapping, and reducing the number of chargers required to manage your batteries.

The 2-position PAGlink PL16 Charger/PSU is capable of charging up to 16 batteries, simultaneously. The 4-position PL16+ will charge up to 32, making it ideal for broadcast organizations and camera rental companies. Even Anton/Bauer Li-Ion chargers can be used to charge linked PAGlink batteries (A/B charger model and firmware version permitting).

Charge status during charging is indicated on the batteries' individual display. The characters can be rotated for easier viewing by a single press of the battery display button.

UN Tested & Flight-friendly

PAGlink was designed so that flight-friendly 94Wh battery units can be linked to create a high-capacity Li-Ion power source on location. You are permitted to fly with up to 20 Li-Ion batteries that have capacities of 100Wh or less. Linking two batteries provides a capacity of 188Wh - individual Li-Ion batteries of this capacity are forbidden from passenger aircraft.



PAGlink batteries are tested by an independent authority to UN standards, as required by Air Transport regulations, and embody unsurpassed safety features. Every PAG Li-Ion battery is labelled with its UN Test number and flight quantity allowance.



Charge Times:

Fully-discharged batteries charged using an Anton/Bauer Quad Charger:

1 battery	2 hrs
4 batteries	8 hrs
8 batteries	16 hrs
16 batteries	32 hrs



3 Year Warranty

The PAG HC-PL94T battery has a **3 year warranty**, with unlimited cycles during that period.

Patents Apply: paguk.com/patents

SPECIFICATION

Connector: Gold Mount.

Run-Time, Charge Status & Data

Display: Numeric display that shows a run-time prediction on-load, expressed in hours and minutes, to a resolution of 1 minute. State of charge is displayed as a percentage, in 1% increments. Battery voltage, number of charge/discharge cycles and software version can also be displayed using the menu system (see online User Guide for more information).

Construction: ABS injection mouldings designed to protect the cells from impact damage. The battery case is sealed to maintain the integrity of the UN approved construction.

Replaceable Assemblies:

The front and rear contact assemblies can be replaced if they become damaged.

Cells: Premium-grade, high-current, sealed, Lithium-Ion rechargeable cylindrical cells.

Voltage: 14.8V nominal. 12 cells connected in series/parallel. Each cell has a nominal voltage of 3.7V.

Capacity: 94 Watt-hours, nominal 6.4 Ampere-hours

Output Current: Rated maximum continuous output current 10 Amperes. For 2 or more linked batteries 12 Amperes.

Charge Voltage: 16.8V.

Protection System: The multi-level electronic protection system is fail-safe and guards against conditions that reduce battery life. The circuit is coated for protection and to ensure operation of the safety systems in the event of damage to the battery.

Temperature Range:

Charging:

0°C to +40°C
(Optimum +10°C to +30°C)
32°F to 113°F
(Optimum 50°F to 104°F)

Discharging:

-20°C to +50°C
(Optimum +5°C to +40°C)
-4°F to +122°F
(Optimum 41°F to 104°F)

Storage:

+10°C to +30°C
+50°F to +86°F

Dimensions:

Length: 129mm (5")
Width: 87mm (3.4")
Height: 58mm (2.25")

Weight:

0.735kg (1.6lbs).



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