

DATA SHEET

PAGlink HC-PL94T

MODEL 9306 GOLD MOUNT INTELLIGENT LINKING BATTERY



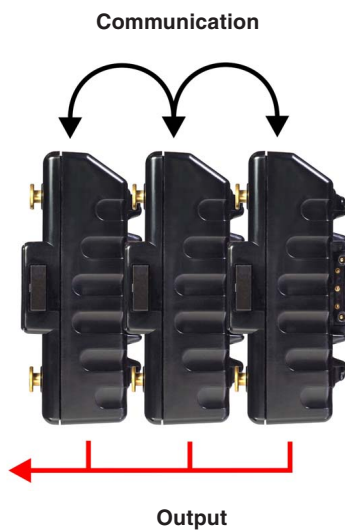
- 94Wh, 14.8V 6.4Ah Li-Ion Gold Mount Broadcast Battery.
- Smaller and lighter with the highest energy density of any equivalent battery.
- Link multiple batteries, combining capacities for longer run-times.
- Draw up to 12A for high-current applications (10A individually).
- Hot-swap batteries for continuous power.
- Charge batteries linked, using Anton/Bauer or PAGlink Li-Ion chargers.
- Fly legally with all the high-capacity, UN tested batteries you need.
- See remaining run-time at a glance - displayed in hours and minutes.
- 3 year guarantee with no restrictions on conditions of use.

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 smaller and lighter 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 & Capacity Display

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 capacity 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 remaining capacity in the camera viewfinder/LCD by communicating automatically with the data system that also allows Anton/Bauer batteries to display capacity.

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. There is no quantity restriction when you fly with 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 supplied with an Air Transport certificate.



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 Guarantee

PAG guarantees the HC-PL94 battery for **3 years** with no restrictions on the conditions of use.

SPECIFICATION

PAGlink HC-PL94T Battery Model 9306

Capacity: Nominal 6.4 Ampere-hours (94 Watt-hours).

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

Battery Connector: Anton/Bauer Gold Mount compatible.

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

Output Current: Individual rated maximum continuous output current 10 Amperes (12 Amperes for two or more linked batteries).

Run-Time & Capacity Display: On-load, run-time is expressed in hours and minutes, to a resolution of 1 minute. Capacity is expressed as a percentage, to a resolution of 1%.

Construction: High-impact polycarbonate 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 Contact Assemblies: The front and rear contact assemblies are external to the battery case and can be replaced if they are damaged.

Protection: The battery incorporates a multi-layered electronic protection system that guards against over-current, over-voltage, under-voltage, over-temperature and under-temperature. The protection system circuit is conformally-coated to protect it, and ensure operation of the safety systems in the event of damage to the battery.

Firmware Updates: Battery firmware can be updated in the field by the user, in a matter of seconds, via the battery contacts.

Temperature Range:

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

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

Storage: 14°F to 104°F (Optimum 32°F to 68°F)
-10°C to +40°C (Optimum 0°C to +20°C)

Dimensions:

| Height | Width | Depth |
|------------------|-----------------|-----------------|
| 5.00" (129mm) | 3.42" (87mm) | 2.25" (58mm) |

Weight:
1.6lbs (735g)

Patents Apply: paguk.com/patents



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