

Choosing PAG shows others
that you demand the best

PAG V4-iPC Charger

V-Series, 4-channel charger, featuring Intelligent Parallel Charging



The PAG V4-iPC is a new, low-cost, four-channel simultaneous fast-charger for PAG V-Mount batteries and Sony V-Mount Li-Ion batteries.

The V4-iPC is the ideal location charger. It is both quiet and cool-running during operation, has a lightweight but robust impact-resistant moulded construction, and can be carried with batteries connected.

The V4-iPC represents excellent value for money. Equivalent chargers from other manufacturers can cost more than three times as much.

The high-power V4-iPC is capable of supplying 6A at 16.8V (100W approx.). Charging is fast, efficient and fully-automatic thanks to PAG's unique **Intelligent Parallel Charging**. This feature incorporates three phases:

- ▶ **Phase 1 - Pre-Charge:** prepares shutdown or deeply discharged batteries for charge acceptance.

- ▶ **Phase 2 - Testing:** determines the type and state-of-charge of the batteries, and the maximum current that can be applied.

- ▶ **Phase 3 - Charging:** the charger then shares the current intelligently between the channels, achieving a similar state-of-charge in each of the batteries connected before fully-charging them as quickly and efficiently as possible.

The PAG V4-iPC incorporates a large, backlit LCD screen which provides a continually updated display of battery and charger status, indicating at all times which batteries are receiving charge.

The charger is capable of receiving any firmware updates externally, such as upgrades to enable the charging of other cell-chemistries.

The latest PFC power supply technology enables the charger to be powered from any AC power supply, worldwide.

V4-CPA Camera Power Adaptor

The **PAG V4-CPA** (Model 9701V) is a separate unit that enables you to power your camera from an AC mains supply, using the V4-iPC charger.

It is housed in a compact, impact resistant case and can be connected to any channel on the V4-iPC Charger. Connection to the camera can be made using PAG Adaptor Model 9450, XLR-4 male to female (coiled lead).

The V4-CPA outputs 16.8V at 5.5A and is suitable for use with modern broadcast cameras* which use 14.4V / 14.8V Li-Ion batteries.

The PAG V4-CPA can only be used in conjunction with the V4-iPC Charger.



* The unit may not be suitable for some older cameras. Please ensure voltage compatibility before purchasing.

Specifications:

PAG V4-iPC Charger

Model No. 9700V

Range of Batteries Charged:

PAG V-Mount Li-Ion & V-Mount ZL-Series Batteries.
Sony V-Mount Li-Ion Batteries.

Battery Connections:

V-Mount compatible connector.

Main Charge Program:

Li-Ion Intelligent Parallel Charging program.
maximum output 6A at 16.8V (100W approx.).

Recovery Feature:

Automatically recovers a Li-Ion battery where the output has been shut down. Additionally, the program detects batteries having a very low voltage, and initiates a special low charge current. The program will operate until the voltage has risen sufficiently for batteries to safely accept the normal charge current.

Self Test Program:

The internal microcomputer constantly monitors the battery under charge or process as well as the operation of the charger's own functions which will be shut down to a safe condition should any of the tests fail.

Mains Input:

90V to 265VAC. Frequency 50-60 Hz. EN6100-3-2 Power factor corrected. Maximum consumption 140W.

Output Protection:

Charger protected against short circuit and excess battery voltage.

AC Mains Failure Protection:

Should mains failure occur during a charging program, or whilst the charger is connected, it will shut down to a safe condition.

User Interface:

Comprehensive LCD indication of battery and charger status. The charger is fully automatic in operation and no user controls are provided.

Safety:

Designed to comply with electrical safety standard BS EN

60065 and UL6500. NOTE: U.K. mains leads are fitted with a 1" fuse to BS1362 rated 5A as standard.

European Union Directives:

Complies with the following:
EMC Directive 89/336/EU.
Low Voltage Directive 73/23/EU.

Operating Temperature Range:

0°C to +40°C (+32°F to +104°F).

Overall Dimensions (H x W x D):

160 x 191 x 297mm (6.3" x 7.5" x 11.7" approx.).

Weight:

1.87kg (4.12lbs approx.).

Typical Charging Times:

1	PAG L95	3hrs	15mins
2	PAG L95s	4hrs	30mins
3	PAG L95s	5hrs	6mins
4	PAG L95s	6hrs	15mins

These times are approximate only, and assume batteries are fully discharged. Charging times will be less if batteries are already partially charged.

PAG V4-CPA Camera Power Adaptor

Model No. 9701V

Input Connection:

To be powered only from the PAG V4-iPC charger, Model 9700V.

Output:

16.8V DC. Maximum current 5.5A (90W).

Output Connector:

XLR-4 (F) connector (Pin 1 Negative, Pin 4 Positive).

Overall Dimensions (H x W x D):

130 x 86 x 47mm (5.1" x 3.4" x 1.85")

Weight:

190g (6.7ozs approx.)