



HIGH-POWER LINKING BATTERIES



INTELLIGENT PARALLEL CHARGER FOR LINKED BATTERY CHARGING

- ★ Fast-charge PAGlink batteries in any state-of-charge, individually or linked
- ★ Charge up to eight batteries per channel
- ★ Fast, efficient, automatic charging
- ★ No more getting up in the night to swap batteries on the charger
- ★ Features a 100W camera power supply
- ★ Lightweight, rugged and compact design

Fast, efficient charging for PAGlink batteries

The unique PAGlink system allows up to eight batteries to be linked and charged as one. The PAGlink PL16 two-position charger is capable of simultaneously charging up to 16 PAGlink batteries (8 per channel). At the end of a shoot, simply link the discharged batteries, and connect them to the charger. By the morning, all your batteries will be charged and ready to go.

The batteries form a high-speed serial network, communicating with each other to manage the charging process, which is fully automatic. The charger uses the available power efficiently and intelligently to achieve fully charged batteries as quickly and safely as possible. Batteries can be in any state-of-charge. The most-discharged batteries are given a higher charge priority. During charging, the charge status of each PAGlink battery is shown on its own LED display, so that you can see at a glance which batteries are ready to use. Fully charged batteries will stop accepting charge automatically and independently of other batteries.



SPECIFICATION

Model No. 9707

PAGlink PL16 Charger.

Battery Connections:

2 x V-Mount connectors.

Range of Batteries Charged:

Designed specifically for parallel charging PAGlink batteries, individually or linked:

PAGlink PL96e Model 9303

PAGlink PL96T Model 9304

Suitable for parallel charging V-Mount Li-Ion batteries:

PAG L95e Model 9310V

Sony and IDX

Suitable for sequentially charging V-Mount Li-Ion and Ni-MH batteries:

PAG L95 Model 9360

PAG L110 Model 9302V

PAG ZL-150 Model 9316V

PAG ZL-125 Model 9317V

PAG ZL-50 Model 9315V

Main Charge Programs:

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

PAG ACS Ni-MH sequential charge program: output 3A.

PAGlink Charging:

No more than eight PAGlink batteries per channel may be charged. Batteries can be in any state-of-charge. The most-discharged batteries will be given a higher charge priority. Fully charged batteries stop accepting charge automatically and independently of other batteries.

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, 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:

The charge status of each PAGlink battery is indicated by its own 5 LED display. The different stages of the charging process are indicated for each channel on the charger's LCD screen. The charger is fully automatic in operation.

Charge Times:

Charge times will vary depending on the condition and state-of-charge of the batteries.

Typically, eight fully-discharged batteries could be fully-charged in nine hours.

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):

75 x 210 x 190mm

Weight:

1.4kg

Camera Power Supply:

Suitable for powering cameras that can accept a 16.8V input.

Operation:

The camera power supply function is operated by pressing and holding the Camera PSU button on the charger's front panel for 1 second. Charging is suspended whilst the power supply function is being used.

Output:

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

Output Connector:

XLR4F connector (Pin 1 Neg, Pin 4 Pos).