

KEENE POWER

KLAC6 and KLAC12 LEAD ACID BATTERY CHARGERS

Overview

There are two models of charger in this range; the KLAC6 (for 6v lead-acid packs) and the KLAC12 (for 12v lead-acid packs). They provide a controlled, constant voltage supply to gently and safely recharge the pack to its maximum capacity.

Instructions for use

Plug the charger into a suitable mains outlet (220-240v ac) and the "power on" LED should illuminate. Next connect the output cable to the lead acid pack (be careful to observe polarity - the striped wire should go to the positive (+) terminal). Once correctly connected the "charging" LED should illuminate to indicate that the pack is now charging. The brightness of the "charging" LED is dependant upon the state of charge of the pack - the more charged the pack is, the dimmer the "charging" LED will be.

How do I know when the pack is charged?

The "charging" LED will either be extinguished or at least very dim.

Do I have to discharge the pack before recharging it?

No - lead acid packs benefit from being recharged immediately after use, and also from being given a "top-up" charge every 2—3 months when not in use.

I've got a 6/12v nicad battery - can I use this charger to recharge it?

No - these packs are designed to charge lead acid batteries only, nicad & nickel metal hydride battery packs require different methods of charging.

How long will it take to charge?

This depends upon the capacity of your pack. The 6v charger will take approximately 2 hours per 1000mA of capacity, the 12v version approximately 1.5hrs per 1000mA of capacity. (1000mA = 1Ah)

The "charge" LED never goes out - what's wrong?

If your battery has been on charge for the required length of time (see above) and the "charge" LED never seems to get any dimmer then it may be that the pack has reached the end of its useful life. Try using the pack to see how it performs. If it performs badly then try leaving it on charge for a full 24hrs - if there's no improvement then your only real option is to replace the pack.

SPECIFICATION KLAC6

Input voltage 220-240v ac 50Hz
Output voltage 6v DC at 500mA (variable)

SPECIFICATION KLAC12

Input voltage 220-240v ac 50Hz
Output voltage 12v DC at 900mA (variable)

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