

ACM50 User Manual

Battery Charger



SN: _____

Rev.02

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INTRODUCTION

ACM50 is a lithium battery charger capable of charging up to 10 batteries simultaneously.

It has been designed to be easy to mount and dismount from your rack modules: despite the big amount of battery charging spots, it occupies only one standard 19" rack unit and it is incredibly light. ACM50 is a complete and professional charger, under each battery spot there are two different led, *Charge* and *Fault*, that will keep you updated on what the status of the battery pack is.

FEATURES:

- ✓ 10 independent recharging battery slots
- ✓ Full control and management of each battery pack
- ✓ Extremely light and compact
- ✓ Less than two hours to charge up to 10 batteries

SAFETY INSTRUCTION

- Read this safety instruction and the manual first
- Follow all instructions and information.
- Do not lose this manual.
- Do not use this apparatus under the rain or near the water.
- Do not install the apparatus near heaters or in hot environments, do not use outside the operating temperature range.
- Do not open the apparatus, only qualified service technicians are enabled to operate on it. The apparatus needs servicing when it is not properly working or is damaged by liquids, moisture or other objects are fallen in the apparatus.
- Use only accessories or replacement parts authorized or specified by the manufacturer.
- Clean the apparatus only with dry cloths, do not use liquids.
- Report the serial number and the purchasing date in front of the manual. It is needed to have proper replacement parts or accessories from the manufacturer.
- When replacement parts are needed, use only replacement parts authorized from the manufacturer. Substitution with not authorized parts could result in electric shock, hazards or fire.
- Keep attention on all the labels with warnings or hazards on the apparatus.

LED INDICATION

Every battery slot on the ACM50 has two led which indicate the battery status with the following indications:

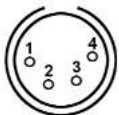
- Charge → **Green** = Battery Charged
- Charge → **Orange** = Battery in Charge
- Fault → **Red** = Battery dead, it needs to be replaced
- Fault → **Red** + Charge → **Orange** = temperature out of range



TECHNICAL SPECIFICATIONS

Battery Slots	10
Charging time	Approx.. 2 hours
Power supply	DC connector XLR.4M, 10÷ 28 Vdc, 60W max
Temperature range	0°C ÷ +45 °C
Case	Aluminum, black varnish
Weight	1,60 Kg
Dimensions	19"/1U, Depth 120mm

DC connector pinout



1: -Vdc

4: +Vdc

12Vdc 5A Max

Accessory:

AL1265XF

Power supply

90 ÷ 264 V ac mains power-supply 15V/4A, XLR-F connector





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