

EC-1

ENDURA Portable Battery Charger



Instruction Manual

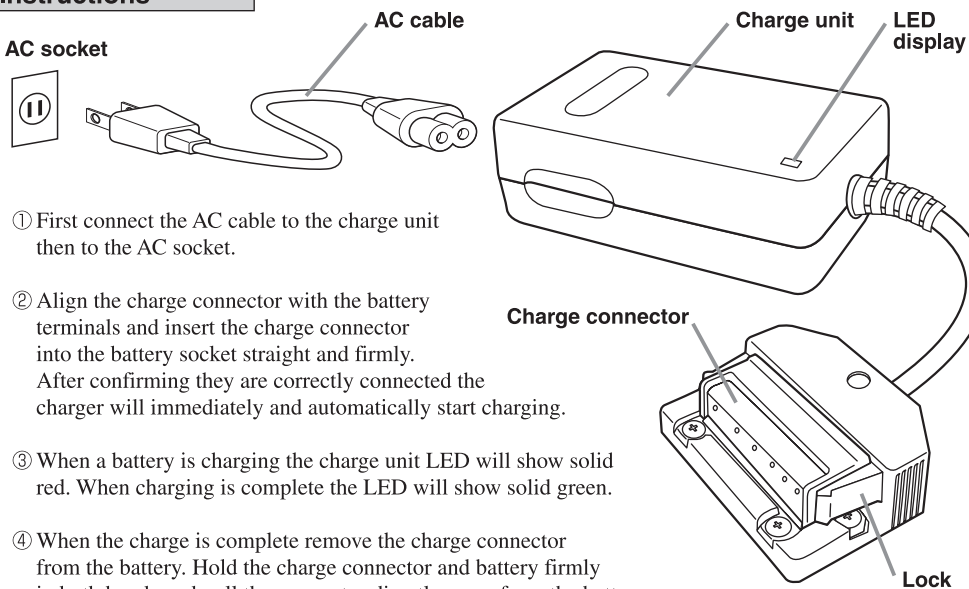
IDX Technology thanks you for choosing the EC-1 and is sure that you will benefit from its unique features. The EC-1 is a single channel portable type ENDURA battery charger that is designed exclusively for use with IDX ENDURA System batteries. Please note that only IDX ENDURA System batteries can be used with the EC-1. Please utilize this instruction manual to best maximize and safely use your EC-1. If you have any additional questions, please contact the appropriate IDX office or visit our website www.idx.tv

Specifications

- Input Voltage : AC 100~240V 50 / 60Hz
- Charge Rate : DC 16.8V / 1.6A
- Power Consumption : 27W
- Charge Method : Constant current
Constant voltage
- Compatible batteries : ENDURA System batteries
(Only)
- Charge Time : E-10 / E-10S... approx. 300 min.
E-7 / E-7S... approx. 220 min.
- Operating Temperature : 0~40°C
- Display area : Two colour LED indicator
(see LED display)
- Dimensions : Charge unit ;
108(W)×36(H)×67(D) mm
4.3(W)×1.4(H)×2.6(D) inches
Charge connector ;
56(W)×18(H)×45(D) mm
2.2(W)×0.7(H)×1.8(D) inches
- Weight : approx. 280 g / 0.62 lbs

Instructions

AC socket



- ① First connect the AC cable to the charge unit then to the AC socket.
- ② Align the charge connector with the battery terminals and insert the charge connector into the battery socket straight and firmly. After confirming they are correctly connected the charger will immediately and automatically start charging.
- ③ When a battery is charging the charge unit LED will show solid red. When charging is complete the LED will show solid green.
- ④ When the charge is complete remove the charge connector from the battery. Hold the charge connector and battery firmly in both hands and pull the connector directly away from the battery.

LED Display

- Solid Green : AC power input and also if a battery is connected Charge Status complete
- Solid Red : Charging
- No Light : No AC input

Important Features

- The EC-1 is a portable type charger so the capacity at charge complete is approx 90%.
- The EC-1 has no indicators to identify different battery conditions. If the following condition occurs, remove the battery or the AC cable from the AC socket:
 - ◇ The charge unit LED does not display solid green after the AC cable is connected to the AC socket. ("No light" condition.)
 - ◇ LED does not change to solid red (charging) from solid green (AC input) after a battery is connected.
 - ◇ LED does not change to solid green (charge complete) after the designated charge time has passed.
- The charge connector has a locking design to fit ENDURA batteries. However to avoid accidental disconnection do not expose the EC-1 to strong impact or vibrations during charging.

General Notes and Safety

- Do not attempt to open or modify this unit. All work should be carried out by IDX service personnel only.
- Use with only IDX ENDURA System batteries. The EC-1 cannot be connected with other batteries.
- Do not expose to, use or place the EC-1 in direct sunlight, extreme dust, smoke, water or other hazardous conditions.
- Should the EC-1 charge connector or AC cable connection touch metal parts, it may short and could cause fire, electronic shock and other incidents. Remove the AC cable from the AC socket when the EC-1 is not charging.
- Only use the AC cable included in the package or ones specified. If fused confirm the fuse rating capacity before use.
- In case of fault or service, please contact your IDX dealer or appropriate IDX office.



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