CH-5630
Battery Charger

User's Manual

1. Introduction

This advanced battery charger is designed to charge the Dell 75UYF, 1691P, 5081P and other Dell C series notebook battery packs. It provides an excellent way of charging these battery packs safely and conveniently outside of the notebook. The charger has two bays and is capable of charging two battery packs sequentially. An LED display in each bay provides information on the charging status.

2. Safety Instructions

This battery charger is designed and built to the highest safety standards and will protect the user from shock and other hazards when used as directed. The charger contains high voltage circuits; it is therefore important for users to read the following instructions carefully.

- Do not attempt to charge non-rechargeable batteries like alkaline, carbon-zinc, or non-rechargeable lithium.
- Remove all batteries from the charger before plugging the AC adapter into the wall socket.
- Make sure battery contacts are clean and there is no debris in the charger.
- Do not short-circuit the charger's contacts with metal objects.
- Use only with the AC adapter provided.
- Make sure the battery is placed tightly in the bay to ensure a good connection.
- Pay attention to the charging status LED and discontinue charging if it shows an error signal (refer to section 3.3).
- Always store the charger in a cool and dry place.

3. Operation

3.1. To power the battery charger, connect the DC tip into the back of the charger and plug the AC connector of the adapter into a properly grounded outlet. Both LEDs will blink red only once, indicating that the charger is ready to use.

3.2. Insert a battery pack into either bay to begin charging. If two batteries are inserted, the second battery will begin charging after the first battery has completed charging. The battery's charging time will vary according to its charge status and capacity.

3.3. LED Status

LED state	Meaning
Solid Red	Charging
Solid Green	Fully Charged. Charging is complete
Blinking Red *	Pack voltage < 10V **OR** Pack temperature> 117.5ºF (47.5°C) **OR** Constant charging time for one battery > 120mins (Remove and re-insert to confirm)

*** Note:** The continuously blinking red **LED** indicates that one of the above fault conditions may exist. First remove the battery from the charger bay and re-insert it to confirm that a fault condition exists. While the **LED** is blinking red, the charger is not charging the battery. If the **LED** continues to blink red, remove the battery from the charger bay and disconnect the AC power from the charger.

4. Certification

This battery charger complies with part 15 of the FCC rules.

5. Specifications

Charging Rate: 2.6A Max. per bay
Charging Time: 1.5~2.5 hours per battery
Power Requirement: 20V, 3.6A Max, 72W AC/DC Adapter
Operating Temperature: 32 – 104ºF (0 – 40ºC)
Safety Protection: Over-temperature /current/voltage protection
Physical Dimensions: 6.7 x 4.7 x 2.2 inches (170x120x55mm)

6. Warranty

This battery charger is guaranteed for one year from the date of purchase against defects in materials and workmanship. If the charger develops such a defect during the warranty period the charger will be repaired or replaced at manufacturer's option. This warranty does not cover damage caused by misuse and everyday wear and tear. Defective chargers should be returned to the dealer from which they were purchased.

Under no circumstances will the manufacturer be liable for any of the following: loss or damage to personal property; any damage caused to the charger by repair attempts not authorized by manufacturer; any other incidental or consequential damages caused by the user or improper use of this product.