WATSON®

Duo LCD Charger

for BP-U Series Batteries

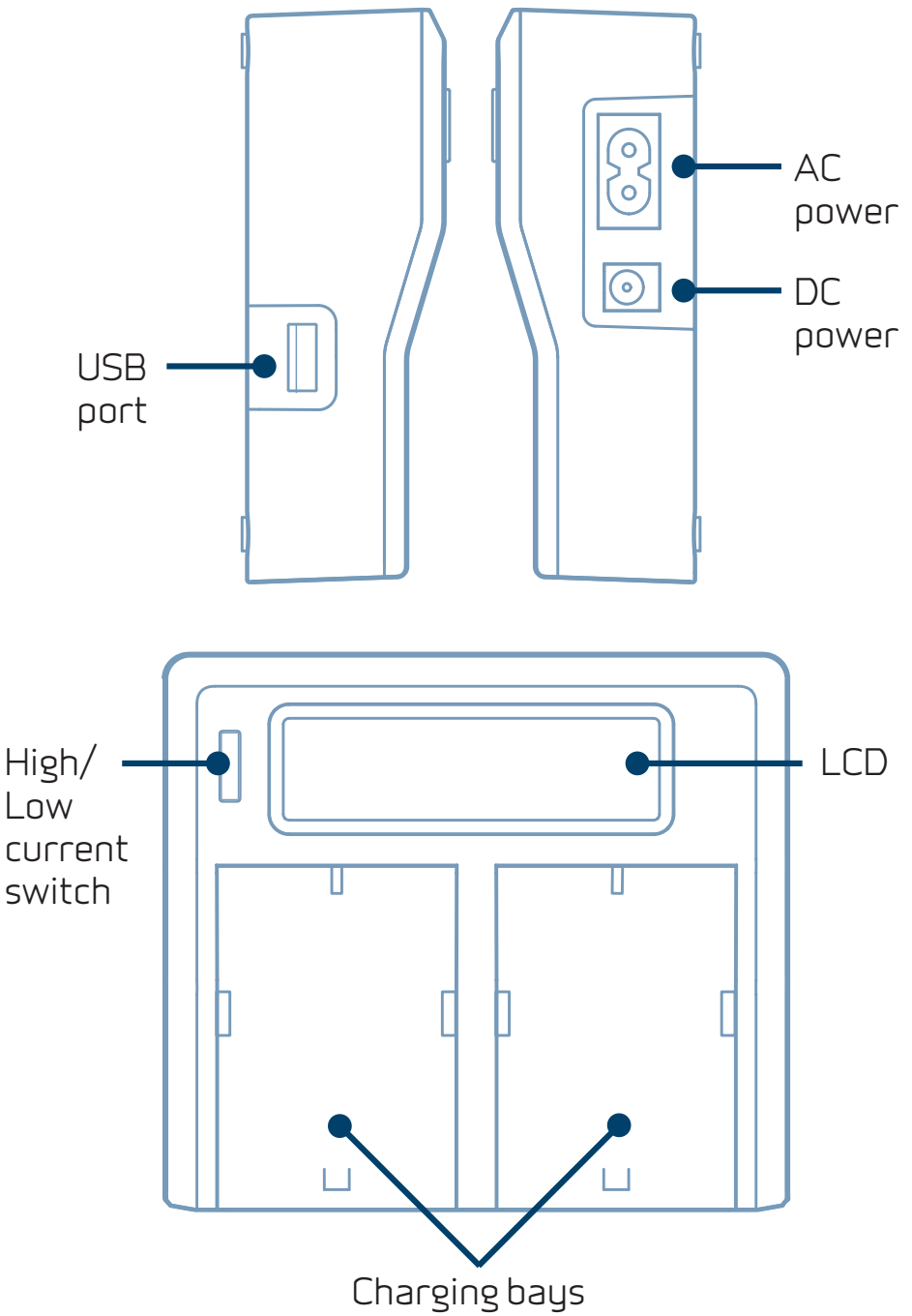
D-4231

Owner's Manual

SAFETY WARNINGS

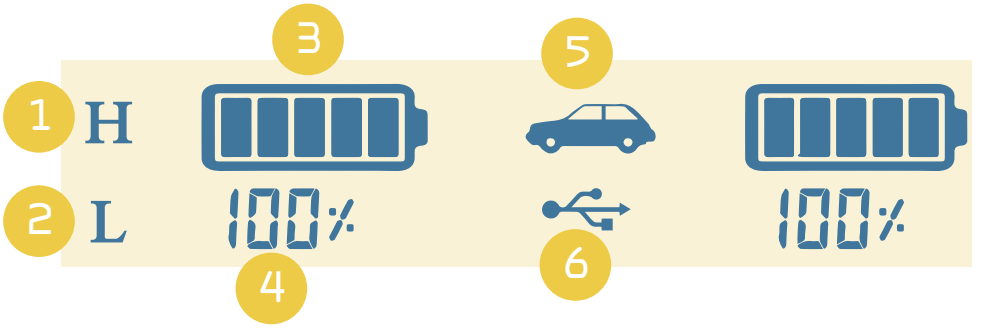
- Do not charge any battery other than rechargeable lithium-ion batteries. Other types of batteries can burst, causing personal injury and damage.
- Do not disassemble the charger. Take the charger to a qualified service technician when service or repair is required. Improper use may result in the risk of electric shock or fire.
- The charger, adapters, and batteries may feel warm during the charging process. This is normal.
- Do not operate the charger if it has received a sharp blow or has been dropped or damaged in any way.
- Never expose the charger to rain or moisture.
- Do not use an extension cord when using the charger. This can result in fire or electric shock.
- Never use the charger as a DC power source for any electrical equipment.
- Always unplug the charger from the AC outlet before handling the batteries.
- Unplug the charger from the AC outlet before attempting cleaning, and clean with only a soft and dry cloth.
- Do not use any attachment not recommended or sold by Watson, as this could result in the risk of fire, electric shock, or injury.
- Images are for illustration purposes only.

FEATURES:



Includes: AC power cord

LCD:



1. **High-current charging indicator.**

2. **Low-current charging indicator.**

3. **Battery status indicator.**

4. **Charging percentage.**

5. **Car charging.** If blinking, your battery is incompatible with the car charger input. Switch to AC or 24 V DC input.

6. **USB charging indicator.** Appears when a device is charging via the USB output port.

When you first insert the batteries, wait a few moments for the charger to scan the batteries and update the status. Once battery charging is complete, the display will show 100% below the battery icon.

Note: It is normal for the batteries to become warm during charging.

USB PORT:

Use the Watson Duo LCD Charger to power your USB devices with up to 5 V and 2 A output. This is ideal to connect your mobile phone while you're charging your camera and camcorder batteries.

CHARGING CURRENT SWITCH:

You can change the charger's current between high and low for fast and slow charging rates when a battery is inserted and is less than 100% charged.

Press the current switch to toggle between H and L (high and low) charging currents.

FEATURES:

- Independent, simultaneous charging for two lithium-ion rechargeable batteries.
- LCD displays the charging status for each battery.
- USB charging for mobile electronics like phones and small tablets.
- Overheating detection minimizes possible high temperatures and automatically shuts off the charger.
- Short-circuit protection prevents the charger and batteries from receiving excessive amounts of current.
- Surge-protection circuits guard the charger from overcurrent or defective and shorted batteries.
- Universal 100—240 V AC and 12 V DC power are perfect for traveling and charging anywhere.

SPECIFICATIONS:

Input Power	AC: 100-240 V, 50/60 Hz DC: 12/24 V, 3 A
Output	Voltage: 8.4/12.6/16.8 V DC Current Low: 1 A (one battery) 0.5 A (two batteries) High: 1.5 A (one battery) 0.8 A (two batteries)
USB Output	5 V, 2.1 A
Cable Length	AC cable: 40 in. (100 cm)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Dimensions (W x D x H)	1.6 × 4.9 × 4.4 in. (4 × 12.4 × 11.2 cm)
Weight	10 oz. (283 g)
Certifications	FCC, CE

ONE-YEAR LIMITED WARRANTY

This Watson product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.
To obtain warranty coverage, contact the Watson Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Watson along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.poweredbywatson.com or call Customer Service at 212-594-2353.

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