UBC 2000 Universal Battery Charger

Maximize Your Investment in Battery Power with the Fast, Friendly Single or Multi-Slot Recharger

The UBC 2000 Universal Battery Charger from Symbol Technologies protects and maximizes your investment in battery-powered scanners and terminals with an environmentally friendly, operationally sound battery recharging and conditioning system. It's essential for transportation, logistics management, retail, public safety, warehousing and other organizations whose operations depend on multiple battery-powered devices to capture, process and communicate data. Because the UBC 2000 can be used in a stand-alone configuration as well as the traditional multi-slot approach, the UBC 2000 saves on equipment costs by eliminating the need for a separate cradle to recharge each of your terminals.

Capacity and Flexibility

With its four charging slots, the UBC 2000 has the capacity you need to keep freshly charged batteries ready for operation. It's also highly flexible - the same UBC 2000 recharges all of the most widely used battery chemistries - NiCad, nickel metal hydride and lithium ion - as well as battery packs for Symbol products beginning with the popular 3000 Series and continuing through the latest terminals and scanners.

Extends Battery Life

With the UBC 2000, you'll also be protecting the life of your batteries. Throughout a battery's life, various usage patterns and conditions may cause it to deliver less than its fully rated capacity. Whenever you notice a decrease in the life of the battery, but no more than once every other week, simply insert the battery into the charging system and press the "Condition" cycle button. This initiates an automatic process where 100% of the battery capacity is completely discharged and a recharge cycle to full capacity is completed. This deep discharge-recharge cycle exercises the battery, eliminating those conditions that may cause it to underperform. As a result, you get longer, more consistent performance from your batteries.

Features Focus on the User

There's a whole range of features and benefits you'll find only with Symbol's UBC 2000:

- Fast turnaround. Depending on battery type, the UBC 2000 charges in less than two hours, letting you get your batteries back into action quickly.

- The Intelligent charging feature is a three-step process that optimizes the battery and allows the user to leave the battery in the charger indefinitely, which maintains the battery at peak capacity.

- Status indicators signaling "charging," "ready," "rejected" (dead battery), "conditioning cycle" and "power" make the UBC 2000 easy to use and understand while preventing time-consuming overcharging and providing built-in maintenance.

- Positive/negative sensors protect batteries from incorrect insertion into the charger.

- Temperature, dust and humidity resistant design protects batteries from intrusive elements, so you can install the UBC 2000 in places where it's needed most, such as warehouses and distribution hubs.

- Wall-mount or desktop capability easily adapts the UBC 2000 to your environment; wall-mount is ideal for distribution centers, stock rooms or anywhere counter space is scarce.

The UBC 2000 Universal Battery Charger: Depend on it for the power that keeps people, products and organizations on the move...and depend on it because it's from Symbol Technologies, the world leader in bar code-driven data management systems, with more than 6 million scanners and terminals installed.

UBC 2000 Specification Highlights

Physical Characteristics

Dimensions:
     13" L x 7" W x 6" H/33cm D x 17.8cm W x 15cm H

Weight:
     4 lbs./1.5kg without battery adapters

Color:
     Cash register white

Material:
     ABS KJW fire retardant plastic, textured

User Environment

ESD:
     8KV continuous contact discharge; 15KV from air to all surfaces without contact

Humidity:
     95% relative humidity (non-condensing)

Drop:
     Unit functions normally after 4ft./1.2m drop to concrete

Storage Temperature:

-40° to 122°F/-40° to 50°C

Operating Temperature:
    32° to 122°F/0° to 50°C

Power Supply:
    Four slot Input (Universal): 90V-230VAC, 50/60 Hz Output: 15 VDC, 5A or 24 VDC, 4.5A
    Single slot Input (Universal): 90V-230VAC, 50/60 Hz Output: 15 VDC, 1.5A or 24 VDC, 1.3A

Safety Standards:
    Charger & power supply UL listed (UL 1950), CSA Certified (C 22.2 No. 223); Compliant to FCC
    part 15 Class A and CE Marking (Electromagnetic Compatibility) Directive 89/336/EEC and Low
    Voltage Directive 73/23/EEC;C15PR-22 Class B

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Performance Characteristics

Rapid Charging:
    Charges all specified batteries to 90+% capacity in 2 hours or less

Complete Charge:
    Completes 100% capacity charge in 4 hours or less

Conditioning:
    Completely discharges a battery and automatically switches to charging mode

Maintenance Charge:
    Maintains the battery at optimum capacity indefinitely

User Interface

Power LED:
    Indicates POWER to charging slot

Conditioning/Charging LED:
    Flashing indicates discharging process

Reject LED:
    Flashing indicates faulty battery

Conditioning/Charging LED:
    Solid indicates battery pack is being charged

Ready LED:
    Solid indicates battery charged

Miscellaneous

Battery Adapter:
    Unit requires appropriate battery adapter to operate

Support:
    Will support all existing Symbol rechargeable battery packs

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For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Authorized Business Partner.

Additional information is available by [contacting Symbol](#) at 1-800-722-6234 or +1-516-738-5200.

Your vision is a powerful ally in your drive for competitive advantage. Symbol Technologies is in the business of overcoming the challenges that stand between you and realization of your vision. Symbol alone has integrated the three core competencies needed to transform data into action -- [wireless LANs](#), [hand-held computing](#) and [bar code laser scanning](#) -- and combined them with industry systems expertise and global support to deliver a complete solution, from system design to system integration (including third-party hardware and software) to system implementation. Turn your vision into a vision without boundaries.

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