

MWCHGR

Dual-Slot Battery Charger



Features

- Recharges Two (2) NiMH Batteries
- Intelligent Charging and Control Circuitry
- Power Sharing Input and Extension Can Charge Up to Three MWCHGR Units Using a Single AC Adapter

Applications

- Classrooms
- Conference Rooms
- Lecture Halls
- Live Presentation

General Description

The AtlasIED MWCHGR is designed to be used in conjunction with the MWHHM wireless handheld microphone or MWBPT belt pack transmitter. The MWCHGR can recharge two (2) NiMH rechargeable batteries at a single time. A convenient power sharing input and extension allow up to three (3) MWCHGR units to be daisy chained together using a single AC adapter to recharge up to six (6) batteries at a time. The MWCHGR includes intelligent charging and control circuitry that prevents electrical shorts during the recharging process. A LED indicator located on the front of the unit displays the charging status when charging and when completed.

System	
Input Voltage	12VDC 2A
Over-charging Prevention Timer	10 Hours
Quiescent Current	17mA±5mA
Protection & Control	1. Output Short Protection 2. PWM for Current Control 3. Time Sharing for System Control 4. -ΔV, 0ΔV, Maximum V for Battery Detect Technology
Operating Temperature Range	0 - 55°C On Cell Surface
Suitable Batteries	Use Ni-MH Batteries Only
LED Indicators	Red LED: Charging Green LED: Battery Full Blue LED: Power Indicator
Charged Unit Qty	2
Mechanicals	
Dimensions	3.74" x 5.71" x 2.95" (95mm x 145mm x 75mm)
Weight (Battery Excluded)	0.57 lbs / 0.257 kg
Case	ABS Plastic

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Architect and Engineer Specifications

The Product shall be Model Number MWCHGR, Dual Slot NiMH battery charger. Designed to be use with MWHHM Hand Held mic and MWBPT Belt Pack transmitters, the product charges two batteries at a single time.

A power sharing input and extension shall allow three (3) units to be daisy changed together using a single AC adapter, allowing six (6) batteries to be charged at a time.

MWCHGR shall ship with a universal power supply, operating on 100-240VAC, output voltage shall be 12VDC / 2A.

The MWCHGR shall incorporate intelligent charging and control over the charging process, with output short circuit protection incorporated. An over charge timer shall be in place to prevent over charging of the NiMH batteries.

LEDs shall indicate Power, Power Full and Charging indications.