



Empowering Your Digital Life.

MH-C 808M Product Feature & Specifications

I. Features

- Recharge one to eight AA, AAA, C, D NiMH or NiCD battery in any combination.
- Recharge AA & AAA in one hour and C & D in one to five hours.
- Worldwide voltage compatibility utilizing external switchmode power supply.
- LCD display with comprehensive charging progress indicator.
- Rugged design with non-moving metal contacts and DIN power connector.
- Selectable rapid and soft charging.
- User-activated battery conditioning mode
- White LCD backlight for easy viewing.
- Automatic battery rescue and bad battery identification.

II. Specification

Electrical

Parameter	Minimum	Typical	Maximum	Unit
External Power Supply (MHS-CX1802000S)				
AC Input Voltage	100		240	V rms
AC Input Frequency	47		63	Hz
Output 1 Voltage		18.0		V
Output 1 Current	1.8	2.0	2.2	A
Output 2 Voltage	17.7	20.0	23.0	V
Output 2 Current		0.15	0.3	A
Dielectric Withstand Voltage	3300*			V
Charger				
Charging Configuration	One to Eight AA, AAA, C or D batteries			
Status Display	LCD. Each slot a) 4-level battery indicator b) DONE c) CHARGE d) Battery fault display CONDITION SOFT CHARGING Power-on self-diagnostic			
AA Charge Current		2.0		A
AA Discharge Current		0.45		A
AAA Charge Current		0.67		A
AAA Discharge Current		0.15		A
C Charge Current		2.0		A
C Discharge Current		0.45		A
D Charge Current		2.0		A
D Discharge Current		0.45		A
Rapid charge duty cycle		100		%
Soft charge duty cycle		50		%



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Maintenance charge duty cycle		0.4		%
Rescue charge duty cycle		20		%
Safety Compliance				
Plastic Flammability Rating	UL 94-V0 or better			
PCB Flammability Rating	UL 94-V0 or better			
North America Safety Compliance	UL / cUL 1310 CSA C22.2			
EMI Compliance	CE Mark CISPR 22 IEC 61000-3-2 IEC 61000-3-3 EN 50082-1: 1998 EN 55022: 1998 EN 55024: 1998			

* 110% of IEC standard, applied throughshorted primary inputand shorted secondary output Voltage

Mechanical

Parameter	Description
External Power Supply (MHS-CX1802000S)	
DC Output Connector	6-Pin DIN
AC Input Connector	AC Jack conforming to IEC 60320-C8
AC Cord	Regional 6" AC Cord
Dimension	13cm X 5.7cm X 3cm
Weight	300 g
Charger	
Dimension	32cm X 13.3cm X 8cm
Weight	600 g
Packaging	
Dimension	37cm X 24.2cm X 11.7cm
Weight	1450 g

Environmental

Operating Temperature	15 deg C to 40 deg C
Humidity Range	0 to 90% Non-Condensing
Storage Temperature	- 40 deg C to + 80 deg C



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Revision Date	Control Number	Description
11/21/2005	3713369-441	Initial release

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