

CHARGERS



SIX-UNIT CHARGER FOR OPENSky® P-801 AND P-800 PORTABLES

The Six-Unit Charger is a battery charger, battery analyzer, and battery conditioner for Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries for M/A-COM OpenSky portable radios. This charger is capable of charging up to six battery packs at one time in approximately 3.5 hours. The Six-Unit Charger maximizes the efficiency of operations by simplifying battery-charging routines. The charger maintains the battery's fully charged state until it is removed from the battery adapter. The battery analyzer function measures and displays the battery pack capacity. The condition function performs charge-discharge cycles to eliminate "memory" and restore capacity to maximum potential. The condition function also initiates new batteries for maximum performance. The charger may be located on a desk or other flat surface.

SIX-UNIT CHARGER

P-801 and P-800MAHROS0035



MULTI-UNIT RAPID CHARGER

The Multi-Unit Rapid Charger is designed to charge Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries for M/A-COM portable radios. The unit allows charging of the battery with or

without the portable attached. This rapid charger is capable of charging up to six NiCd battery packs in approximately 1 hour or six NiMH battery packs in approximately 2 hours. The Multi-Unit Rapid Charger uses interchangeable battery sleeves, which allow different battery pack families to be charged at the same time.

The Multi-Unit Rapid Charger maximizes the efficiency of operations by simplifying battery-charging routines. The charger may be powered by either a 120 or 230 VAC power source, which is selected automatically. Two LEDs signal charging status and indicate when full charge is completed. Additionally, the charger signals defective battery or charger to avoid unsafe operation. The charger may be located on a desk or other flat surface or be mounted on a wall.

MULTI-UNIT RAPID CHARGERS

P7200MAPT-CH9A
 P7100^PHTCH9A
 P5100MAHM-CH9A
 Jaguar 700Pi and 700P.....HACH9A
 LPE-200H9CH7U
 M-RK and Aegis M-RKPKCH7P

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D): 3.7 x 16.2 x 7.7 in.
 (94 x 412 x 196 mm)
 Weight: 9.5 lb (4.3 kg)
 Operating Temperature Range: +32 to +122°F
 (0 to +50°C)

Electrical Characteristics

Input Voltage: 100-130 VAC, 50/60 Hz
 Charge Rate: 600 mA ±5%
 Recharge Time: Approximately 3.5 hours

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D): 4.6 x 12.4 x 18.2 in.
 (117 x 315 x 461 mm)
 Weight: 17.2 lb (7.8 kg)
 Operating Temperature Range: +41 to +104°F
 (+5 to +40°C)

Electrical Characteristics

Voltage Source (Autoselect Switching Power Supply):
 120 Volt Range: 96-144 VAC, 50/60 Hz
 230 Volt Range: 176-264 VAC, 50/60 Hz
 Power Consumption: 170 Watts
 Charge Current: 1.7A
 Recharge Time:
 NiCd: Approximately 1 hour
 NiMH: Approximately 2 hours

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	135 x 27.5 x 5.33 in. (135 x 700 x 135 mm)
Weight:	13.4 oz (380g)
Operating Temperature Range:	+14 to +140°F (-10 to +60°C)

Electrical Characteristics

Supply Voltage Range:	110/220 VAC
Power Consumption:	75 Watts (Approximately 9.6 Watts per unit)
Recharge Time:	Approximately 2 hours

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	2.17 x 4.125 x 5.31 in. (55 x 105 x 135 mm)
Weight:	6.3 oz (180g)

Electrical Characteristics

Input Voltage:	120 VAC, 60 Hz only
Charge Rate:	1000 mA
Recharge Time:	Approximately 2 hours



MULTI-UNIT RAPID CHARGER FOR PANTHER™ 405P AND 605P PORTABLES

The Multi-Unit Rapid Charger is designed to charge Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries for PANTHER 405P and 605P portable radios. The charger combines six desktop rapid chargers into one unit, allowing users the convenience of charging six battery packs at the same time. The unit allows charging of the battery with or without the portable attached. This rapid charger is capable of charging NiCd or NiMH battery packs in approximately 2 hours.

The Multi-Unit Rapid Charger maximizes the efficiency of operations by simplifying battery-charging routines. This intelligent rapid charger charges, conditions, and analyzes NiCd and NiMH battery packs. Once the battery is inserted, the charger detects the type of battery, checks to determine if it is working correctly, and then charges the battery. Indicators on the front panel of the charger provide status information including battery charging, battery not seated properly, trickle charging, conditioning on, and battery temperature error. The charger may be placed on a desk or other flat surface.

MULTI-UNIT RAPID CHARGER

PANTHER 405P and 605PGPCH9H



SINGLE-UNIT RAPID CHARGER FOR OPENSKY® P-801 AND P-800 PORTABLES

The Single-Unit Rapid Charger is designed to charge Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries for M/A-COM OpenSky portable radios. This unit allows charging of the battery with or without the portable attached. Its easy-to-use design allows for charging by simply sliding the battery pack into the charging slot. To protect against reduced battery pack life caused by excessive charging, the unit automatically switches to trickle charge after the battery is fully charged. Its dual-color indicator informs of the current charging status. The charger is capable of controlled charging most battery packs in 2 hours. The charger may be placed on a desk or other flat surface.

SINGLE-UNIT RAPID CHARGER

P-801 and P-800MAHROS0015



RAPID DESK CHARGER

The Rapid Desk Charger is designed to charge Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries for M/A-COM portable radios. The unit allows charging of the battery with or

without the portable attached. This charger is available with one or more interchangeable battery sleeves specifically designed for a particular radio or series of radios. The charger has a built-in power supply and plugs directly into a 120 or 230 VAC power source, which is selected automatically. It is capable of controlled charging NiCd battery packs in approximately 1 hour and NiMH battery packs in approximately 2 hours. Two LEDs signal charging status and indicate when full charge is completed. The charger may be placed on a desk or other flat surface.

RAPID DESK CHARGERS

P7200	MAPT-CH9E
P7100 ^{IP}	HTCH9E
P5100	MAHM-CH9E
Jaguar 700Pi and 700P	HACH9E
LPE-200	H9CH7T
M-RK and Aegis M-RK	PKCH7N



COMPACT RAPID DESK CHARGER FOR EDACS[®] 300P

The Compact Rapid Desk Charger is designed to charge high capacity and

extra high capacity Nickel Cadmium (NiCd) batteries for EDACS 300P portable radios. The unit allows charging of the battery with or without the portable attached. The charger is powered by a 120 or 230 VAC power source. It is capable of charging NiCd battery packs in approximately 1 hour. Two LEDs signal charging status and indicate when full charge is completed. The charger may be placed on a desk or other flat surface.

COMPACT RAPID DESK CHARGER

120 VAC	KDCH9B
230 VAC	KDCH9C

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D): 4.4 x 5.3 x 6.6 in.
(112 x 118.5 x 168 mm)

Weight: 2.0 lb (0.91 kg)

Operating Temperature Range: +41 to +104°F
(+5 to +40°C)

Electrical Characteristics

Voltage Source (Autoselect Switching Power Supply):
120 Volt Range: 96-144 VAC, 50/60 Hz
230 Volt Range: 176-264 VAC, 50/60 Hz

Power Consumption: 33 Watts

Recharge Time:
NiCd: Approximately 1 hour
NiMH: Approximately 2 hours

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):
Compact Rapid Charger
Power Supply Unit: 1.4 x 2.4 x 4.3 in.
(35 x 60 x 110 mm)

Compact Rapid Charger Base Unit: 2.28 x 4.02 x 4.92 in.
(58 x 102 x 125 mm)

Weight:
Compact Rapid Charger
Power Supply Unit: 9.5 oz (268g)

Compact Rapid Charger Base Unit: 5.25 oz (150g)

Operating Temperature Range: +32 to +113°F
(0 to +45°C)

Electrical Characteristics

Voltage Source: 120/240 VAC ± 10%,
50/60 Hz

Power Consumption: 30 Watts

Recharge Time: Approximately 1 hour

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	2.84 x 4.21 x 4.29 in. (72 x 107 x 109 mm)
Weight:	3.76 oz (106.43g)
Operating Temperature Range:	+14 to +140°F (-10 to +60°C)

Electrical Characteristics

Supply Voltage Range:	110 or 220 VAC (50 to 60 Hz)
Power Consumption:	9.6 Watts
Recharge Time:	Approximately 2 hours

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	2.28 x 4.02 x 5.91 in. (58 x 102 x 150 mm)
Weight:	5.29 oz (150g)
Operating Temperature Range:	+32 to +113°F (0 to +45°C)

Electrical Characteristics

Supply Voltage Range:	120/230 VAC ±10%, 50/60 Hz
Power Consumption:	15 Watts
Recharge Time:	1 hour, 30 minutes



RAPID DESKTOP CHARGER FOR PANTHER™ 405P AND 605P PORTABLES

The Rapid Desktop Charger is designed to charge Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries for PANTHER 405P and 605P portable radios. The unit allows charging of the battery with or without the portable attached. The PANTHER Desktop Charger maximizes the efficiency of operations by simplifying battery-charging routines. This intelligent rapid charger charges, conditions, and analyzes NiCd and NiMH battery packs. The charger is capable of charging NiCd or NiMH battery packs in approximately 2 hours. Once the battery is inserted, the charger detects the type of battery, checks to determine if it is working correctly, and then charges the battery. Indicators on the front panel of the charger provide status information including battery charging, battery not seated properly, trickle charging, conditioning on, and battery temperature error. The charger may be placed on a desk or other flat surface.

RAPID DESKTOP CHARGER

120 VAC	GPCH9F
230 VAC	GPCH9G



COMPACT RAPID DESK CHARGER FOR PANTHER 300P

The Compact Rapid Desk Charger is designed to charge high capacity Nickel Cadmium (NiCd) batteries for PANTHER 300P portable radios. The unit allows charging of the battery with or without the portable radio attached. It is capable of charging battery packs in approximately 1-1/2 hours. Red and green LEDs indicate charge or ready status. The charger may be placed on a desk or other flat surface.

COMPACT RAPID DESK CHARGER

120 VAC	KBCH5V
230 VAC	KBCH5W



VEHICULAR CHARGER

The Vehicular Charger is a vehicle-mounted battery charger that supports standard or extra high capacity Nickel Cadmium portable radio batteries. The charger provides microprocessor

controlled charging for long battery life and maximum battery performance. An automatic restart feature allows the charger to maintain battery capacity at 75%. By constantly monitoring the battery while it is in the charger, the automatic restart feature detects when the battery falls below 75% capacity and starts charging the battery. Protective circuitry prevents damage to the battery resulting from charging batteries that are not within the required temperature or voltage range. The charge rate may be adjusted through dipswitch configuration to allow a dual charge rate.

Two LEDs signal charging status and indicate when full charge is completed. The LEDs also indicate fault conditions such as shorted cell, battery too hot/cold, and defective battery. A positive latch ensures that the radio is securely in place while it is in the charger. The radio quick release button disengages the radio from the charger for fast removal. Versatile mounting options allow the charger to fit different vehicle mounting requirements.

VEHICULAR CHARGERS

The Vehicular Charger includes the vehicular charger, mounting bracket and cables, and manual.

Jaguar 700Pi and 700P	H2VPSE
LPE-200	H2VP7E
M-RK and Aegis M-RK	H2VP5E

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D): 7.6 x 7.1 x 2.3 in.
(194 x 180 x 58.5 mm)

Typical Recharge Times:
1200 mAh Battery Pack: 1 hour
1700 mAh Battery Pack: 1 hour, 30 minutes

Temperature Limits:
Charging: +32 to +113°F
(0 to +45°C)
Operating: -22 to +140
(-30 to +60°C)

Electrical Characteristics

Nominal Input Voltage: 13.8 VDC ±20%

Maximum Current Drains:
Off: 5 mA
On and Not Charging: 100 mA

Charge Currents:
Fast Charge: 1.5 and 0.75A
Trickle Charge: 75 mA

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VC3000 CHARGER

The VC3000 is a vehicle-mounted battery charger that supports Nickel Cadmium and Nickel Metal Hydride batteries for the P7200, P7100^{IP}, P5100, P-801, and P-800 portables. This affordable and compact charger has adjustable

charge and trickle current settings, and charges the highest capacity battery pack in about 2.5 hours. The charger can charge the battery with or without the radio attached and can also accommodate a radio with the speaker mic still attached. The unit may be hard wired for permanent installation or powered using the optional DC cigarette lighter adapter for temporary in-vehicle installation. The charger has an enable/disable circuit for use with a vehicular repeater. The vehicular repeater is enabled when the radio is removed from the charger. Colored LEDs provide status information. A safety retention latch locks the portable radio or battery pack snugly into the well to assure positive charger contact. The VC3000 may also be used for desktop charging with the optional AC adapter.

VC3000 VEHICULAR CHARGER

P7200, P7100 ^{IP} , and P5100.....	MAH2-VC3P7
P-801 and P-800	MAH2-VC3P8
Power Adapter Kit	MAH2-NPS9X

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D): 3.12 x 4.31 x 4.37 in.
(79.25 x 109.47 x 110.99 mm)

Typical Recharge Time: Approximately 2.5 hours

Temperature Limits:

Rapid Charging: +41°F to +113°F
(+5 to +45°C)

Trickle Charging: -2 to +140°F
(-30 to +60°C)

Note: Per most manufacturer specifications, NiCd cells should not be charged at temperatures lower than +5°C and higher than +45°C.

Electrical Characteristics

Input Voltage: 11.0 to 16.0 VDC @3A

Current Drain: 35 mA in Standby Mode,
2 mA when off

Charge Currents:

Rapid Charge: 1.5A or 0.75A nominal
(switch selectable)

Trickle Charge: 200 mA or 100 mA
nominal (switch selectable)

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D): 7.6 x 7.1 x 2.3 in.
(194 x 180 x 58.5 mm)

Typical Recharge Times:

1200 mAh Battery Pack: 1 hour

1700 mAh Battery Pack: 1 hour, 30 minutes

Temperature Limits:

Charging: +32 to +113°F
(0 to +45°C)

Operating: -22 to +140°F
(-30 to +60°C)

Electrical Characteristics

Nominal Input Voltage: 13.8 VDC ±20%

Maximum Current Drains:

Off: 5 mA

On and Not Charging: 100 mA

Charge Currents:

Fast Charge: 1.5 and 0.75A

Trickle Charge: 75 mA



DUAL POSITION ENHANCED VEHICULAR CHARGER

The Dual Position Enhanced Vehicular Charger is a vehicle-mounted device that provides the portable radio user with features similar to that of a mobile radio.

In addition, the unit includes a battery charger that supports standard and extra high capacity portable radio batteries. The Dual Position Enhanced Vehicular Charger is identical to the Enhanced Vehicular Charger with the exception of the inclusion of a second set of charging contacts. If the portable radio has the special compatible speaker mic affixed, the second set of contacts engages to allow the user to charge the portable radio battery without removing the speaker mic. Note that the extended features of the Enhanced Vehicular Charger (external mic, speaker, antenna, and control head) are not enabled when the speaker mic is attached to the portable radio. If the speaker mic is not in place, the charger operates exactly as the Enhanced Vehicular Charger.

When the portable radio is inserted and engaged in the Dual Position Enhanced Vehicular Charger, an electrical interface is established through the portable Universal Device Connector (UDC). This interface provides the following functions: external mobile microphone, external antenna, and an amplified (10W) external speaker. Some portable radio applications, when engaged in the Dual Position Enhanced Vehicular Charger, allow for external control of the portable radio via fixed mount or hand held control unit. Full radio display and keypad functionality are available from the control unit or Hand Held Controller.

The battery charger supports standard or extra high capacity Nickel Cadmium portable radio batteries. The charger provides micro-processor controlled charging for long battery life and maximum battery performance. An automatic restart feature constantly monitors the battery while it is in the charger and will start charging the battery as soon as it falls below 75% of capacity. Protective circuitry prevents damage to the battery resulting from charging batteries that are not within the required temperature or voltage range. The charge rate may be adjusted through dipswitch configuration to allow a dual charge rate.

Three LEDs signal charging status and indicate when full charge is completed. The LEDs also indicate fault conditions such as shorted cell, battery too hot/cold, and defective battery. A positive latch ensures that the radio is securely in place while it is in the charger. The radio quick release button disengages the radio from the charger for fast removal. Versatile mounting options allow the charger to easily fit different vehicle mounting requirements.

DUAL POSITION ENHANCED VEHICULAR CHARGERS

The Dual Position Enhanced Vehicular Charger includes the vehicular charger, mounting bracket and cables, mic with switchhook, mic hanger kit, speaker, and manuals.

P7100 ^{IP}	H2VPDE
P5100	H2VPDE
Jaguar 700Pi and 700P	H2VPDE



VEHICULAR CHARGER FOR P-801 AND P-800

The OpenSky® P-801 and P-800 Vehicular Charger is a heavy-duty vehicle-mounted battery charger that supports Nickel

Cadmium and Nickel Metal Hydride portable radio batteries. The charger is ideal for public service and heavy industrial vehicular applications. It can charge the largest capacity battery in less than three hours, and therefore complements field work environments where AC charging may be impractical. This steel charger is rugged and compact, with an adjustable mounting bracket for flexible positioning. Portables may be inserted into the vehicular charger with the speaker mics still attached. The charger has an on/off switch to enable/disable a vehicular repeater. When the switch is set to "on" and the portable is removed from the charger, a signal is sent to enable an external vehicular repeater. When the switch is set to "off," the vehicular repeater is not activated by the insertion or removal of the portable in the vehicular charger. Colored LEDs provide status information. A spring tension mechanism locks the portable radio snugly into the well to assure positive charger contact.

VEHICULAR CHARGER

P-801 AND P-800MAHROS0018



VEHICULAR CHARGER FOR PANTHER™ 405P AND 605P

The Vehicular Charger is a vehicle-mounted battery charger that supports

Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries for PANTHER 405P and 605P portable radios. It combines the convenience of battery charging on the move with improved communication quality and extended coverage from the portable radio. The unique design of this vehicular charger makes the radio display easy to read and allows for quick release when exiting the vehicle. It has a key lock to reduce the risk of theft. The charger is equipped with a sensor that shuts down the vehicular charger when the vehicle ignition is switched off, preventing vehicle battery drain.

VEHICULAR CHARGER

The Vehicular Charger includes the vehicular charger, cables, and manual.

PANTHER 405P and 605PGPCH9K

Requires hardware mounting kit (GPMA5L)

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	3.7 x 3.7 x 5.3 in. (9.4 x 9.4 x 13.5 mm)
Weight:	2 lb
Typical Recharge Time:	2.5 hours
Temperature Limits:	
Charging:	+59 to +104°F (+15 to +40°C)
Operating:	-2 to +149°F (-30 to +65°C)

Note: Per most manufacturer specifications, NiCd cells should not be charged at temperatures lower than +5°C and higher than +45°C.

Electrical Characteristics

Input Voltage:	11.0 to 15.0 VDC Negative Ground 13.8 VDC nominal, 0.5A nominal
Current Drain:	35 mA in Standby Mode
Charge Currents:	
Rapid Charge:	1000 mA
Trickle Charge:	65 mA

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	9.06 x 3.15 x 3.74 in. (230 x 80 x 95 mm)
Weight:	13.23 oz (375g)
Operating Temperature Range:	-10 to +60°F (+14 to +140°C)

Electrical Characteristics

Supply Voltage Range:	13.8 VDC nominal 11 to 16V range
Charging Temperature:	+32 to +122°F (0 to +50°C)
Recharge Time:	Approximately 2 hours

Note: To optimize battery life and operation, the desktop charger must be used weekly to condition the battery.

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	9.06 x 3.15 x 3.74 in. (230 x 80 x 95 mm)
Weight:	13.23 oz (375g)
Operating Temperature Range:	-10 to +60°F (+14 to +140°C)

Electrical Characteristics

Supply Voltage Range:	13.8 VDC nominal 11 to 16V range
Charging Temperature:	+32 to +122°F (0 to +50°C)
Recharge Time:	Approximately 2 hours

Note: To optimize battery life and operation, the desktop charger must be used weekly to condition the battery.



ENHANCED VEHICULAR CHARGER FOR PANTHER™ 405P AND 605P

The Enhanced Vehicular Charger is a vehicle-mounted device that provides PANTHER 405P and 605P portable radio users with features similar to that of a mobile radio. For hands-free operation, visor mic and remote PTT options are available. Equipped with these options, the Enhanced Vehicular Charger allows a portable radio to operate as a pseudo-mobile radio when inserted in the charging unit. The charger design accommodates this operation with a mobile antenna connected at the rear of the charger.

ENHANCED VEHICULAR CHARGER

The Enhanced Vehicular Charger includes the vehicular charger, external speaker, mobile-style microphone, cables, and manual.

PANTHER 405P and 605PGPZN3X
Requires hardware mounting kit (GPMA5L)

OPTIONS FOR ENHANCED VEHICULAR CHARGER

Remote PTT CableGPMA5M
Visor Microphone.....GPMC7S
Roof Mount Antenna (136-530 MHz)GPAN1R



ITECH® IQ^{FIVE}® BATTERY CONDITIONER/ ANALYZER

The IQ^{FIVE} is a battery charger, analyzer, and conditioner designed for use with Nickel Cadmium (NiCd), Lithium Ion (Li-Ion), and Nickel Metal Hydride (NiMH) batteries. The unit conveniently charges, discharges, analyzes, and conditions up to 6 batteries. These functions extend the life and maintain peak performance of 2-way radio batteries. The unit incorporates 6 LCDs, one at each station, to show test status, maintenance modes, and battery capacity in mAh. The charger measures capacity and conditions batteries to maximize cycle life and battery shift time.

ITECH® IQ^{FIVE}® BATTERY CONDITIONER/ANALYZER

- P7200, P7100^{IP}, AND P5100BC3506QP-5
Requires adapter sleeves below. Holds six adapter sleeves.
- NiCd Adapter SleeveBA1200
- NiMH Adapter Sleeve.....BA4547



CADEX-7400 BATTERY CONDITIONER/ ANALYZER

The Cadex-7400 is a fully programmable battery tester, re-conditioner, and charger that is compatible with Nickel Cadmium (NiCd), Lithium Ion (Li-Ion), and Nickel Metal Hydride (NiMH) batteries. This unit charges, discharges, analyzes, and conditions up to 4 batteries. It features a keypad and LCD to allow access to multiple battery service programs. Cadex® also offers battery management software (BatteryShop™) to track each battery from receipt to retirement. The charger has a QuickTest™ function that provides a fast way to determine battery health and can test 60 to 80 batteries in 1 hour.

CADEX-7400 BATTERY CONDITIONER/ANALYZER

- P7200, P7100^{IP}, AND P5100CADEX-7400
Requires adapter sleeves below. Holds four adapter sleeves.
- NiCd/ NiMH Adapter SleeveCADEX-C7 Adapter

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	3.7 x 16.2 x 7.7 in. (93.9 x 411.5 x 195.6 mm)
Weight:	9.5 lb (4.3 kg)
Operating Temperature Range:	32 to 122°F (0 to 50°C)

Electrical Characteristics

Input Voltage:	120 VAC, 50 to 60 Hz
Charge Rate:	600mA (900mA Li-Ion) ±5%
Discharge Rate:	600mA (900mA Li-Ion)
Recharge Time:	
NiCd:	Approximately 3 hours
NiMH:	Approximately 5 hours

SPECIFICATIONS

Mechanical Characteristics

Dimensions (H x W x D):	3.8 x 11.0 x 14.4 in. (100 x 280 x 366 mm)
Weight:	10.05 lb (4.5 kg)
Operating Temperature Range:	41 to 95°F (5 to 35°C)

Electrical Characteristics

Input Voltage:	100 to 240 VAC, 50 to 60 Hz
Charge Rate, Programmable:	100mA to 4A
Discharge Rate, Programmable:	100mA to 4A
Recharge Time, Programmable (dependent on charge rate setting):	
NiCd:	1.5 hours typical
NiMH:	3 hours typical