TMS Medical Technologies

Mobile Battery Service Station

"MBSS"

For fast charging and conditioning of NiCd and SLA batteries manufactured by Medtronic for your LIFEPAK® defibrillator/ monitor.

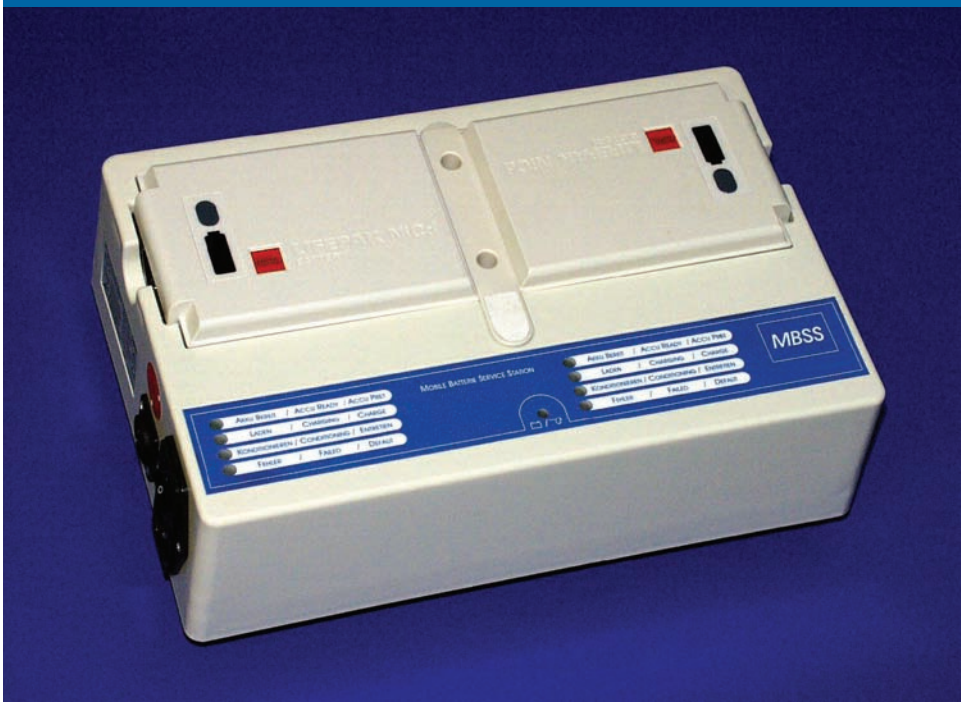
FASTPAK® batteries

FASTPAK 2 batteries

LIFEPAK NiCd batteries

LIFEPAK SLA batteries

DISTRIBUTED BY MEDTRONIC EMERGENCY RESPONSE SYSTEMS



MBSS Features

12V DC and 110–240V AC power inputs for use in emergency vehicles & base stations
Operates from the vehicle's 12V DC power and automatically switches to AC power, when available.

Impulse-Charging algorithm
Special algorithm for fast, on board charging of NiCd batteries is excellent for longer transport times, particularly when using a multi-parameter defibrillator/monitor such as the LIFEPAK 12 defibrillator. With two, fully charged batteries in the *12* and two batteries in the MBSS, caregivers can count on consistent, uninterrupted power while providing care and therapy to a patient. This results in "peace of mind" for the responders as well as fewer batteries to manage both in and away from the vehicle.

Batteries stored in the MBSS receive automatic reflex charge to compensate for self-discharge, allowing you to keep two fully charged batteries on your shelf at all times
Removes the hassle from managing the swap-out of spare batteries stored in your vehicle with freshly charged batteries from the base station.

Desktop or wall mount installation
Specially designed mount is available for easy operation in emergency vehicles.

User-friendly, automatic
The MBSS has no buttons, and its charging operation is fully automatic. Inserting the batteries will automatically start the charging cycle. When using smart batteries, the MBSS automatically manages battery conditioning.

Priority charging
When using smart batteries, the higher capacity battery is charged first for faster battery availability.

"No-noise" operation
The MBSS works without the use of a fan. Its silent operation is beneficial when in a high noise environment such as an emergency rescue scene.

POWER SUPPLY

AC (Mains): ~100 V–240 V AC, 50 Hz to 60 Hz ±3%;
Maximum power consumption: 80 W (during charge);
Stand-by power consumption: ~5 W

DC (12 V): 11.0 V–16.0 V DC;
Maximum input current: 6 A (during charge);
Stand-by current: 30 mA;
Auto-switches to AC when available

BATTERY

Compatibility, Charging Times & Conditioning Times:

Compatible Batteries from Medtronic		Approximate Charging Time	Approximate Conditioning Time
FASTPAK NiCd	(1.2Ah)	25 minutes	2 hours
FASTPAK 2 NiCd	(1.2Ah)	30 minutes	2 hours
LIFEPAK NiCd	(1.7Ah)	40 minutes	3 hours
LIFEPAK NiCd	(2.4Ah)	60 minutes	4 hours
LIFEPAK SLA	(2.5Ah)	150 minutes	7 hours

PHYSICAL CHARACTERISTICS

Height: 3.9" (10cm)

Width: 11.8" (30cm)

Depth: 7.9" (20cm)

Weight: 6.38 lbs (2.9kg)

ENVIRONMENTAL

Operating Conditions
Temperature: +32°F to 104°F (0°C to +40°C)
Relative Humidity: 35% to 80%, non-condensing

Transport and Storage
Temperature: -22°F to +158°F (-30°C to +70°C)
Relative Humidity: 15% to 90%, non-condensing

Transport Testing Standards: Shock, Vibration and Acceleration, Transport in Motorized Vehicles
EN 1789 (European Standard for ambulance and rescue vehicles), Directive 95/54/EC (European Directive for motorized vehicles)

ORDERING INFORMATION

MPC P/N	Contents	Description
3202539-002	MBSS Charger	MBSS Unit, AC power cable, User's Manual
3202539-003	Wall Mount	Wall Mount
3202539-004	DC Adapter Cable	DC Cable for vehicle 12V electrical system

Distributed by Medtronic Emergency Response Systems
For Sales, contact us at 1.425.867.4000
For Service, contact us at 1.800.442.1142

Manufactured for TMS Medical Technologies

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