



Battery Booster Pack

011-1911-0

Instruction Manual



DO NOT EXPOSE TO WATER, FIRE, OR SMOKE
RECHARGE UNIT WHEN FIRST USED, AFTER EACH
USE & EVERY 3 MONTHS!

TOLL-FREE HELPLINE
1-877-619-6321

Important: Please ensure that you read and save this instruction manual before using this product. Incorrect operation or misuse of this Battery Booster Pack may damage the equipment or create hazardous conditions for the user. **SAVE THESE SAFETY INSTRUCTIONS FOR FUTURE USE.**

Conventions Used

The following conventions are used in this manual:

WARNING

Warnings identify conditions that could result in personal injury or loss of life.

CAUTION

Cautions identify conditions or practices that could result in damage to the unit or to other equipment.

NOTE

Describes an important action item or an item that requires attention.

Abbreviations and Acronyms

A	Ampere
AC	Alternating Current
Ah	Amp-hours
DC	Direct Current
mA	Milli-Ampere
V	Volt
LED	Light emitting diode



Aide-démarrage pour batterie

011-1911-0

Guide d'utilisation



N'EXPOSE PAS L'APPAREIL À L'EAU, AU FEU OU À LA FUMÉE. CHARGEZ L'APPAREIL AVANT LA PREMIÈRE UTILISATION, APRÈS CHAQUE UTILISATION SUBSÉQUENTE ET TOUS LES 3 MOIS.

SERVICE D'ASSISTANCE
TÉLÉPHONIQUE SANS FRAIS
1-877-619-6321

CONTENTS

Introduction	2
Important safety instructions	2
Features	3
Operations	4
Recharging	6
12 V DC accessory outlet	6
Maintenance and Care	7
Troubleshooting	8
Specifications	8

1

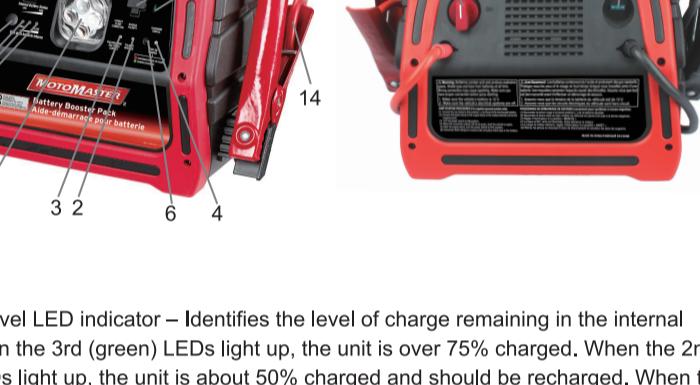
2

WARNING: Fire hazard
The jump start feature is designed for short term operation only—less than 2-3 seconds. Operating the jump start feature for more than 3 seconds may cause damage to the unit. Allow the Battery Booster Pack to cool down for at least 3 minutes after each jump start.

WARNING:
Do not charge the unit through the 12 V DC socket!

WARNING:
Ensure that there are no 12 V DC appliances connected to the Battery Booster Pack while the unit is being recharged.

3. Features



(1) Battery level LED indicator – Identifies the level of charge remaining in the internal battery. When the 3rd (green) LEDs light up, the unit is over 75% charged. When the 2nd (yellow) LEDs light up, the unit is about 50% charged and should be recharged. When the 1st (red) LEDs light up, the unit is only 25% charged and needs recharging immediately.

3

4

The unit should be operated only in locations that meet the following requirements:
(1) Dry
(2) Cool
(3) Ventilated
(4) Safe
(5) Protected

NOTE:
Closely follow these instructions for jump starting a vehicle as they may be different from the instructions supplied with other boosting products or boosting cables.

Jump starting procedures
(1) Turn off the vehicle and all accessories.
(2) Place the Battery Booster Pack on a flat and stable surface near the battery which will be started. Ensure that the Booster Pack power switch is "OFF".
(3) Connect the red positive (+) clamp of the cables to the positive (+) terminal of the engine battery.
(4) Connect the black negative (-) clamp of the cables to the engine block, cylinder head, or stationary heavy metal part of the stalled vehicle, if the red "Battery Clips Incorrect" LED illuminates, then reverse polarity has been detected. Correct polarity must be established before proceeding. Disconnect the boosting clamps from the vehicle's battery and repeat steps (3) and (4).

Note: If vehicle battery voltage is less than 2.5V, LED will not turn on, but you still can jumpstart.

(5) Turn the power switch on. Before starting the engine, make sure the Booster Pack and the cables are clear of metal parts and other moving objects.

(6) Start the engine for 3 seconds or until it starts, whichever is first.

WARNING: Fire hazard

Do not try starting the engine for more than 3 seconds. The boosting feature is designed for short term operation only. Operating the boosting feature for more than 3 seconds may cause damage to the unit. Allow the Battery Booster Pack to cool down for at least 3 minutes after each start.

(7) Turn the power switch off.

(8) Disconnect both clamps in reverse order and place them back in the holders.

5

6

7. Maintenance and Care

Routine maintenance is required to keep your Motomaster Booster Pack operating properly. Occasionally clean the exterior of the unit to remove dust and dirt.

SHOCK HAZARD.
Disconnect all sources of AC power and DC power before performing any type of maintenance.

Battery Maintenance
You need to recharge the battery periodically to maintain maximum battery capacity and to avoid gradually discharge when left standing.

INTERNAL BATTERY DAMAGE.
Due to the internal self-discharge, lead-acid batteries must be charged at least every 3 months, especially in a warm environment. Leaving a battery in a discharged state, or failing to recharge every 3 months, may result in permanent battery damage and poor performance.

INTERNAL BATTERY DAMAGE.
Gradually warm the frozen battery to 0°C (32°F) before recharging to avoid battery damage.

Battery Recycling

The jumpstarter is designed to provide years of service. However, the internal battery is not designed to be user replaceable.

Because the internal batteries contain lead, which can be hazardous if exposed to the environment, the battery should be recycled or safely disposed of at your local recycling depot. Do not dispose of the battery and the jumpstarter with common household waste. Please ask your local authorities about recycling services that are available in your area.

7

8

8. Troubleshooting

Problem	Cause	Solution
Mechanical Problem	Auto Shop	
Bad Connection	Reconnect and rock back and forth.	
The engine being jumpstarted will not start.	The Battery Booster Pack battery is not fully charged.	Charge it for 40 hours.
Battery Booster Pack battery has been damaged.	Replace the unit.	
Accessories are connected to the 12V DC socket.	Disconnect the accessories.	
Battery Booster Pack does not recharge.	120V AC charger may be damaged, or not charged after previous use.	Replace 120V AC charger (replacement 011-1599).
The appliance plugged into the outlet does not work.	Fuse might be blown.	Replace fuse.
	The appliance power is over standard.	Use an appliance where the power is lower than 15 A.

9. Specifications

Internal battery (Capacity/Type)	20 Ah sealed lead-acid battery
Jump start cables (Size/Length)	6G 30'
Adapter	15 V DC@800 mA (replacement 011-1599)
Cigarette lighter plug maximum current	15 A
Dimensions L*W*H	29"18.5"23cm
Operating temperature range	0°C - 40°C/32 - 104 °F



Aide-démarrage pour batterie

011-1911-0

Guide d'utilisation



N'EXPOSE PAS L'APPAREIL À L'EAU, AU FEU OU À LA FUMÉE. CHARGEZ L'APPAREIL AVANT LA PREMIÈRE UTILISATION, APRÈS CHAQUE UTILISATION SUBSÉQUENTE ET TOUS LES 3 MOIS.

SERVICE D'ASSISTANCE
TÉLÉPHONIQUE SANS FRAIS
1-877-619-6321

Important: Assurez-vous de lire le présent guide d'utilisation avant d'utiliser l'appareil et conservez-le. L'utilisation incorrecte ou inappropriée de l'aide-démarrage pour batterie peut endommager le matériel ou présenter des dangers pour les utilisateurs. CONSERVEZ CES INSTRUCTIONS POUR CONSULTATION ULTÉRIEURE.

Conventions utilisées
Le présent guide d'utilisation a recours aux conventions suivantes :

AVERTISSEMENT

Les avertissements identifient les situations pouvant causer des blessures graves ou entraîner la mort.

ATTENTION

La mention « Attention » identifie les situations pouvant endommager l'appareil ou d'autres équipements.

REMARQUE :

les remarques décrivent une action importante ou un élément nécessitant votre attention.

Abbreviations and acronyms
Ampère
Courant alternatif
Ampère-heure
Courant continu
Milliampère
Volt
Diode électroluminescente

CONTENTS

Introduction	2
Important safety instructions	2
Features	3
Operations	4
Recharging	6
12 V DC accessory outlet	6
Maintenance and Care	7
Troubleshooting	8
Specifications	8

1

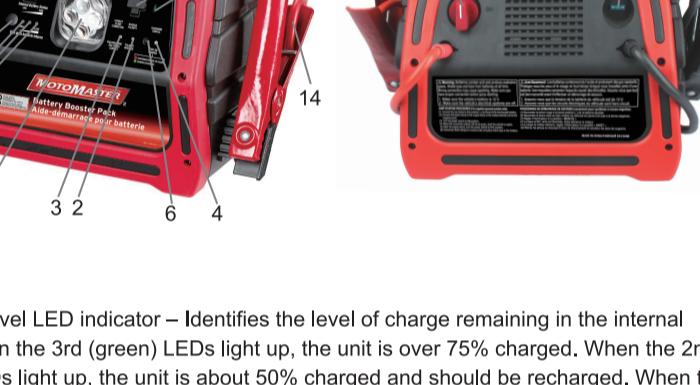
2

WARNING: Fire hazard
The jump start feature is designed for short term operation only—less than 2-3 seconds. Operating the jump start feature for more than 3 seconds may cause damage to the unit. Allow the Battery Booster Pack to cool down for at least 3 minutes after each jump start .

WARNING:
Do not charge the unit through the 12 V DC socket!

WARNING:
Ensure that there are no 12 V DC appliances connected to the Battery Booster Pack while the unit is being recharged.

3. Features



(2) Reverse/incorrect Connection Indicator – Red LED indicates when the battery clamps are reversed or incorrectly connected to the battery (vehicle battery voltage over 2.5V).
(3) Correct Connection Indicator – Green LED indicates when the battery clamps are properly connected (vehicle battery voltage over 2.5V).

(4) Charging Indicator: Red LED indicates when the unit is being recharged, when it turns to green when it is fully charged.
(5) Battery status button – When pressed, LED indicator displays level of charge left in the battery and determines if the unit needs to be charged.

(6) AC charging – Use the included external AC charger to recharge the unit through this charging jack.
(7) LED indicator switch – Slide it to turn on or turn off the emergency light.

(8) 12 V DC power port – Easy-access port for powering a variety of 12 V accessories.
(9) 12 V DC power port – Provides 5 V USB power for electronic devices.
(10) USB port – Provides 5 V USB power for electronic devices.
(11) USB switch – Turn the switch to turn USB power on or off.

(12) USB on indicator – When USB power is on, this green LED indicator will illuminate.

(13) On/Off Switch – When jump starting a vehicle, ensure this switch is in the "off" position before connecting the clamps to the vehicle battery. Once properly connected, the unit should be connected to the "on" position.

(14) Booting cables – These cables connect clamps and Booster Pack.

(15) 15 A Fuse – 15 A over current protection for 12 V DC outlet.

3

4

5. Recharging

NOTE:

Recharge the Battery Booster Pack as soon as possible after each use.

When the Battery Booster Pack is not being used, it should be recharged every 3 months!

WARNING:

Must not be recharged through the 12 V DC socket.

WARNING:

Make sure there is no 12 V DC appliance connected to the Battery Booster Pack during charging.