



LEMANIAENERGY
Switzerland 

BATTERY EQUIPMENT
START BOOSTER, CHARGER, TESTER



WWW.LEMANIA-ENERGY.COM



**For 30 years Lemania Energy has manufactured
the world's highest quality Start Boosters in Geneva
Switzerland.**

In 1991 the first Start Booster was created at our factory in Switzerland. We quickly took the market by storm offering a new innovative product that professionals everywhere needed. We didn't stop there, ever since the first Start Booster was produced we have continuously developed our technologies, guaranteeing their industry leading performance year after year.

We continuously strive for excellence in our design, manufacturing and testing of our products to ensure their extreme performance and quality.

Engineered to last and built to perform.



***DEVELOPING THE TECHNOLOGY
TO KEEP YOU MOVING***



PROFESSIONAL START BOOSTER



5.8 Kg

P24 1600

TECHNOLOGY AGM

BATTERY 15 Ah

PEAK
AMPS **1600A**

12V SWISS
MADE 

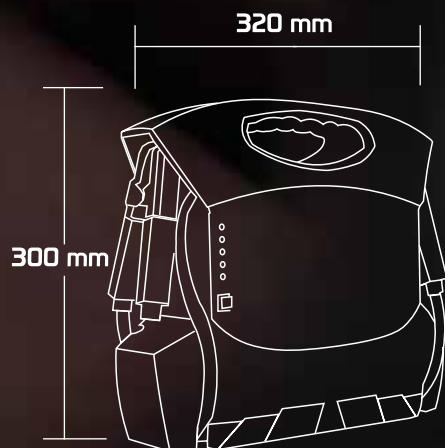
USB PORT

LED VOLTMETER

PROFESSIONAL GRP
CLAMPS

USB PORT

ULTRA COMPACT



P1 2500

TECHNOLOGY AGM

BATTERY 22 Ah

PEAK
AMPS **2500A**

12V SWISS
MADE 

LED CHARGE
INDICATOR

SAFETY FUSE

ULTRA HIGH
GRADE CABLES

HEAVY DUTY

LED VOLTMETER

INDUSTRIAL PURE BRASS
CLAMPS

500A SAFETY FUSE
Ref. 0860 



AGM BATTERY

500A SAFETY FUSE

Ref. 0860 

REVERSE POLARITY ALARM

12-24V SWITCH

SAFETY FUSE

P2-ST 12/24V

TECHNOLOGY AGM

500A SAFETY FUSE

BATTERIES 2X22 Ah

DIGITAL VOLTMETER

PEAK AMPS **5000/2500A**

LARGE INDUSTRIAL PURE BRASS CLAMPS

12/24V SWISS MADE 



500A SAFETY FUSE

Ref. 0860 

TROLLEY SYSTEM

REVERSE POLARITY ALARM

12-24V SWITCH

SAFETY FUSE

P2-TR 12/24V

TECHNOLOGY AGM

500A SAFETY FUSE

BATTERIES 2X33 Ah

DIGITAL VOLTMETER

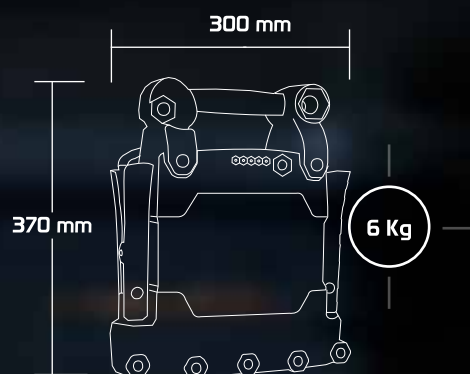
PEAK AMPS **6400/3200A**

LARGE INDUSTRIAL PURE BRASS CLAMPS

12/24V SWISS MADE 



PROFESSIONAL START BOOSTER



C5 1800

TECHNOLOGY PROCAP

CAPACITOR 18X600F

PEAK AMPS **6000A**

12V SWISS MADE

500A SAFETY FUSE

LED VOLTMETER

PROFESSIONAL GRP CLAMPS

LED CHARGE INDICATOR

SAFETY FUSE

Ref. 0860

ULTRA LIGHT WEIGHT

15 SECOND RECHARGE TIME

NO BATTERY INSIDE



15 SECOND RECHARGE TIME

NO BATTERY INSIDE

REVERSE POLARITY ALARM

12-24V SWITCH

SAFETY FUSE

Ref. 0860

C21-ST 1224

TECHNOLOGY PROCAP

CAPACITOR 10X3400 F

PEAK AMPS **18000/9000A**

12/24V SWISS MADE

500A SAFETY FUSE

DIGITAL VOLTMETER

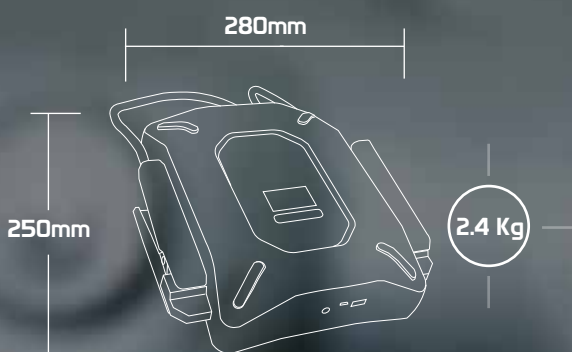
LARGE INDUSTRIAL PURE BRASS CLAMPS



ULTRACAPACITOR

 **3-5 MINUTE
RECHARGE TIME**

 **NO LEAD
NO ACID**



H75

TECHNOLOGY **HYBRID**

ULTRACAP+LITHIUM

PEAK
AMPS **1600A**

12V **SWISS**  **QUALITY**

LARGE COPPER CLAMPS

CARRY HANDEL

AUTOMATIC RECHARGE
EMERGENCY START MODE

LED SPOTLIGHT

ON/OFF SWITCH

DIGITAL DISPLAY

LED TORCH



 **3-5 MINUTE
RECHARGE TIME**

 **NO LEAD
NO ACID**

H95

TECHNOLOGY **HYBRID**

ULTRACAP+LITHIUM

PEAK
AMPS **2000A**

12V **SWISS**  **QUALITY**

LARGE COPPER CLAMPS

CARRY HANDEL

AUTOMATIC RECHARGE
EMERGENCY START MODE

LED SPOTLIGHT

ON/OFF SWITCH

DIGITAL DISPLAY

LED TORCH



PROFESSIONAL START BOOSTER

KG ONLY 2.5KG

Carry Handle - Poignée
Handgriff - Maniglia

Work Light - Eclairage LED
Arbeitslampe - Lampada

SOS Light - Lumière SOS
SOS-Licht - Luce di SOS

12V DC Output - Sortie 12V DC
12V DC Ausgang - Uscita 12V DC

2x USB Output - Sortie USB
USB-Ausgang - Uscita USB

Charging Input - Port de Charge
Ladeingang - Ingresso per la ricarica

Robust Case - Boîtier renforcé
Robustes Gehäuse - Scocca rinforzata

X13

TECHNOLOGY LiFePo₄

LITHIUM 102,400mWh

PEAK
AMPS **3400A***

12V SWISS 
QUALITY

LARGE PROFESSIONAL
CLAMPS

LED SPOTLIGHT

USB POWER OUTPUT
DC 12V CIGAR SOCKET

XTRASAFE PROTECTION SYSTEM



XtraSafe LiFePo₄



Reverse Polarity Protection



Short Circuit Protection



OverCharge Protection



Ultra-Fast Recharge



DC 12V Output



XTRASAFE LITHIUM

KG ONLY 1.3KG

X12

TECHNOLOGY **LiFePo⁴**

LITHIUM **51,200mWh**

PEAK AMPS **2200A***

12V SWISS  QUALITY

COMPACT COPPER CLAMPS

CARRY HANDEL

USB POWER OUTPUT

DC12V CIGAR SOCKET

LED SPOTLIGHT



KG ONLY 2.1KG

X11

TECHNOLOGY **LiFePo⁴**

LITHIUM **102,400mWh**

PEAK AMPS **3200A***

12/24V SWISS  QUALITY

LARGE COPPER CLAMPS

CARRY HANDEL

USB POWER OUTPUT

DC12V CIGAR SOCKET

ON/OFF SWITCH

DIGITAL DISPLAY

LED TORCH



PROFESSIONAL BATTERY CHARGER

SWISS  QUALITY




Lithium
Compatible



Lead Acid



Lithium



Charging Steps



Multi-Step Micro-Processor Controlled Charging



CHARGE

Four separate programs ensure that all batteries, including LiFePo⁴ are fully charged and can be maintained continuously. The adaptive charging program automatically reconditions batteries extending their life and increasing performance.



RECONDITION

The dedicated Recondition mode is used to bring life back into deeply discharged or weak old batteries. This special program reactivates the chemical mixture inside the battery allowing it to be brought back to life and used again.



SUPPLY

This special mode provides DC 12V power to the vehicle or equipment. It can be used to supply power to the vehicle during battery replacement without losing settings and configurations stored on the on-board computer such as, radio code, throttle trims, seat positions etc.



TEST

Once connected the charger will let the user know if the battery needs to be recharged. When the engine is started it will test the alternator to see if the output is correct. If there are any issues with either the battery or the alternator the charger will display this information to the user.

CHARGE - MAINTAIN - TEST - SUPPLY - RESTORE

GX-SERIES

GX2
12V

CHARGING STEPS **8.0**

MAX CHARGING: 1.2-60Ah

IP RATING **IP65**

MAX MAINTAINING: 1.2-100Ah

CHARGING CURRENT **2.0A**



GX5
12V

CHARGING STEPS **10.0**

MAX CHARGING: 1.2-110Ah

IP RATING **IP65**

MAX MAINTAINING: 1.2-160Ah

CHARGING CURRENT **5.0A**



GX10
12V

CHARGING STEPS **10.0**

MAX CHARGING: 24-200Ah

IP RATING **IP65**

MAX MAINTAINING: 24-250Ah

CHARGING CURRENT **10.0A**



GX15
12/24V

CHARGING STEPS **10.0**

MAX CHARGING: 24-300Ah

IP RATING **IP20**

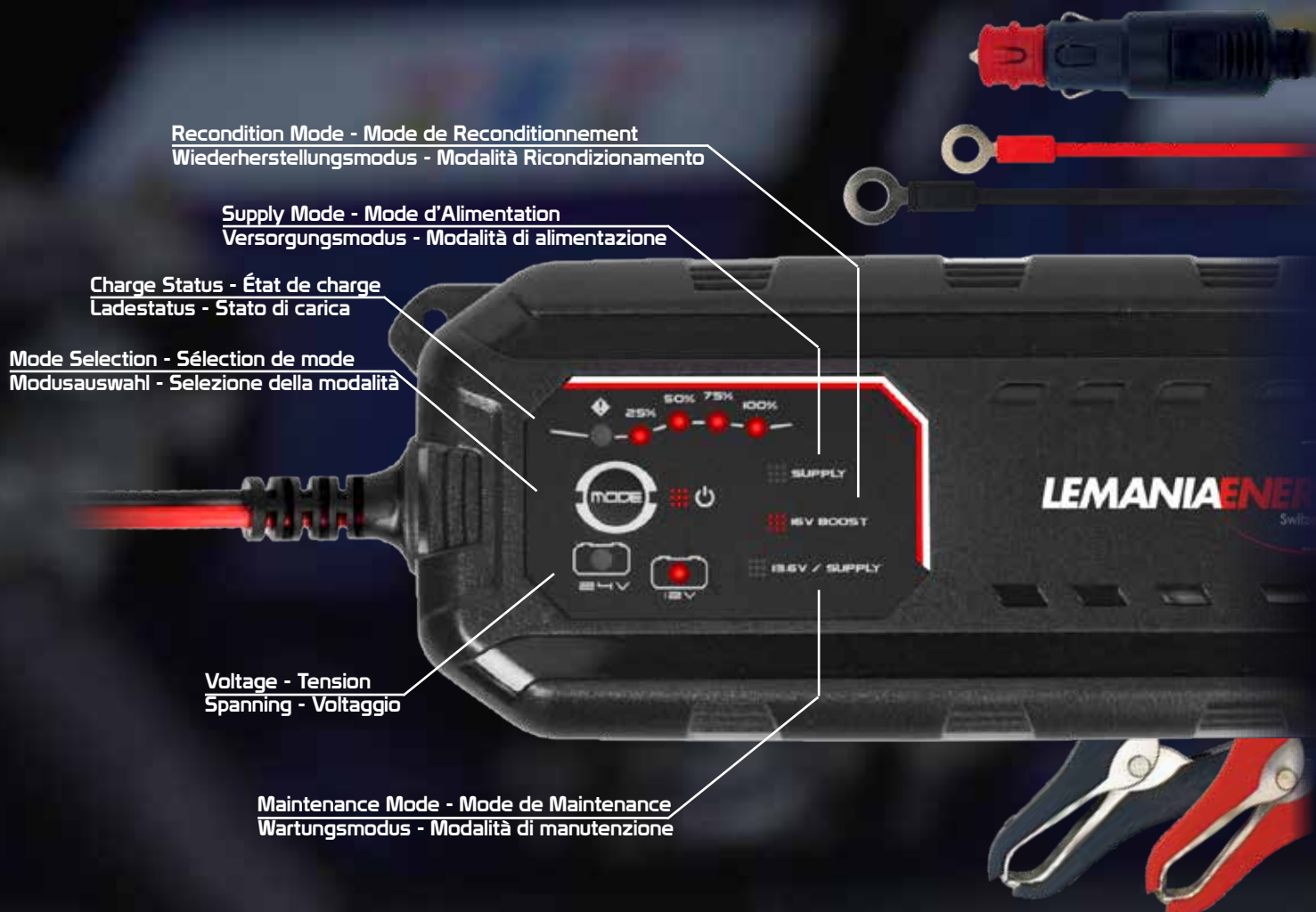
MAX MAINTAINING: 24-500Ah

CHARGING CURRENT **15.0A** ^(12V)



PROFESSIONAL BATTERY CHARGER

SWISS 
QUALITY



Lead Acid



Features

The LE-Series of Professional Battery Chargers are microprocessor controlled to ensure that batteries are fully charged and maintained correctly. These chargers are perfectly suited for charging all types of Lead/Acid Batteries and deliver optimal results, extending battery life and increasing power output. Once fully charged batteries can be left permanently connected without any danger of overcharging.

LE1.1 6/12V 1.1A



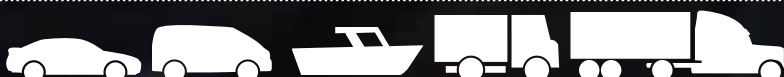
LE3.8 6/12V 3.8A



LE7.0 12/24V 7.0A



LE25.0 12/24V 25.0A



CHARGE - MAINTAIN - SUPPLY - RESTORE

LE-SERIES

LE1.1
6/12V



CHARGING 7.0

STEPS

MAX CHARGING: 2.2-32Ah

IP RATING **IP65**

MAX MAINTAINING: 2.2-100Ah

CHARGING 1.1A^(12V)

CURRENT



LE3.8
6/12V



CHARGING 7.0

STEPS

MAX CHARGING: 1.2-75Ah

IP RATING **IP65**

MAX MAINTAINING: 1.2-120Ah

CHARGING 3.8A^(12V)

CURRENT



LE7.0
12/24V



CHARGING 10.0

STEPS

MAX CHARGING: 14-150Ah

IP RATING **IP65**

MAX MAINTAINING: 14-225Ah

CHARGING 7.0A^(12V)

CURRENT



LE25.0
12/24V



CHARGING 10.0

STEPS

MAX CHARGING: 50-450Ah

IP RATING **IPX4**

MAX MAINTAINING: 50-500Ah

CHARGING 25.0A^(12V)

CURRENT



PROFESSIONAL BATTERY SUPPORT UNIT

SWISS 
QUALITY


Lithium
Compatible



Functions



The Charge mode can be used to recharge and automatically recondition batteries of all types and sizes including LiFePo4. The automatic reconditioning program will bring life back into old and used batteries extending their life. During charging the percentage of charge is displayed on the screen as well as the charging current.



The Charger is able to test both the battery and the starting system of a vehicle. The starting system test will indicate the lowest voltage in the system during cranking as well as displaying the waveform graphically. Both tests can help to rapidly identify any potential issues with a vehicle quickly and without requiring any additional equipment.



In Diagnostic mode the output voltage of the chargers is selectable so that it can be tuned to the requirements of a vehicle. Once supplied with power the vehicle's on board computers can be tested and re-programmed in a safe and stable environment. This is a critical requirement of modern vehicles with sensitive and expensive on board electronics.



In Showroom mode the charger will supply the vehicle with all of the power required while it is in demonstration mode. This allows lights, electronic systems and auxiliaries to run continuously while the vehicle is being presented to potential customers without deeply discharging or damaging the vehicles starting battery. The charger can be hidden under the vehicle out of sight.

FLASH SERIES

Functions



CHARGE



TEST



DIAGNOSTIC



SHOWROOM

F35

TECHNOLOGY FLASH

SELECTABLE 12-15V OUTPUT

PEAK
AMPS **35A**

12/24V SWISS  QUALITY

LARGE COPPER CLAMPS

3.0M CABLES 25mm²

POWER FACTOR
CORRECTION



Lead Acid

AGM

GEL+Ca/Ca

MF

Flat+Spiral

EFB

START STOP

WET

Flooded

MAX CHARGING: 20-1200Ah

Lithium

LiFePo⁴

Functions



CHARGE



TEST



DIAGNOSTIC



SHOWROOM

F150

TECHNOLOGY FLASH

SELECTABLE 12-15V OUTPUT

PEAK
AMPS **150A**

12V SWISS  QUALITY

LARGE COPPER CLAMPS

3.0M CABLES 25mm²

POWER FACTOR
CORRECTION



Lead Acid

AGM

GEL+Ca/Ca

MF

Flat+Spiral

EFB

START STOP

WET

Flooded

MAX CHARGING: 20-1200Ah

Lithium

LiFePo⁴

T12-PRO

ADVANCED BATTERY TESTER

The T12 12/24V Advanced Battery Tester is capable of diagnosing issues with a vehicles electrical system by analyzing each component. Test the Battery, Alternator, Starter motor and Mass ground accurately and reliably in seconds. Print the results and scan the QR code to share the test reports.

SWISS 
QUALITY

FEATURES

COMPATIBLE WITH



BATTERY TEST



STARTER TEST

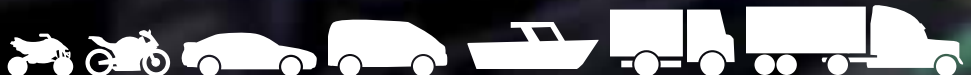


ALTERNATOR TEST
SMART ALTERNATOR
COMPATIBLE



GROUND TEST

T12 12/24V



*Cigar socket adapter sold separately

PROFESSIONAL BATTERY TESTER

Our Professional range of highly accurate Battery Testers are the ultimate tool for professionals. They are able to perform tests on all automotive batteries as well as the Starter, Alternator and Ground of a vehicle in 12V and 24V. Users can enter data using the responsive touch pad; such as the Garage name or VIN number and this information will be printed by the inbuilt Thermal Printer on the test results. The bright, back-lit LCD screen and pictogram based interface make the Tester simple and easy to use.

T2

Lead Acid



100 - 2000 CCA

Lithium



20-1000 CCA

Tests

BATTERY



ALTERNATOR
SMART ALTERNATOR
COMPATIBLE



STARTER



12V SWISS  QUALITY



Tactile Keypad



Memory Storage



USB Connection



T6

Lead Acid



100 - 2000 CCA

BATTERY



ALTERNATOR
SMART ALTERNATOR
COMPATIBLE



STARTER



12/24V SWISS  QUALITY



Memory Storage



USB Connection



Carry case included

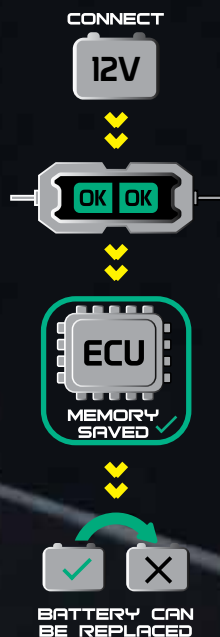


PROFESSIONAL MEMORY SAVERS

MSV

ADVANCED OBD MEMORY SAVER

SWISS 
QUALITY



Voltage Display - Affichage de la tension
Spannungsanzeige - Visualizzazione della tensione

Connection Successful - Connexion réussie
Verbindung erfolgreich - Connessione riuscita

Low Voltage Warning - Avertissement de basse tension
Niederspannungswarnung - Avviso di bassa tensione



Features

The MSV OBDII Memory Saver is the ultimate tool to depend on during vehicle battery replacements. Safely bridge the connection between an external battery or power source and the ECU using either the cigar plug or clamp attachments and OBD cable. This quick two-step process prevents the loss of ECU memory such as seat position, multimedia codes, ECU fault codes and learned engine configurations during battery replacement. Never lose a setting again with the MSV OBDII Memory Saver!

OBD-150

OBD MEMORY SAVER

Features

The OBD-150 Memory Saver Cable connects the Lemania Energy Start Booster directly to the onboard computer of a vehicle in 12V. This allows the memory configurations and settings of the vehicle to be retained when the battery is removed as the Start Booster will power the computer via the OBD port.



PROFESSIONAL LED WORK LIGHTS

Our powerful range of rechargeable Work Lights allow professionals to get the job done safely. Providing bright light in hard to reach places, our work lights are easy to position and fix in place thanks to their flexible design and powerful magnetic bases. Each Work Light has multiple power levels to balance battery life and brightness to the user's requirement.

W1

TECHNOLOGY **SMDLED**
BATTERY **LITHIUM**

IP RATING **IP54**

LUMINOUS
FLUX **120lm**



W4

TECHNOLOGY **COBLED**
BATTERY **LITHIUM**

IP RATING **IP54**

LUMINOUS
FLUX **600lm**



W6

TECHNOLOGY **SMDLED**
BATTERY **LITHIUM**

IP RATING **IP54**

LUMINOUS
FLUX **1000lm**



Work Light Features



W9

TECHNOLOGY **COBLED**
BATTERY **LITHIUM**

IP RATING **IP54**

LUMINOUS
FLUX **4500lm**



W14

TECHNOLOGY **COBLED**
BATTERY **LITHIUM**

IP RATING **IP54**

LUMINOUS
FLUX **500lm**



