



TRACTION
POWER BEHIND THE BATTERY

CHARGING TECHNOLOGY
YOU CAN RELY ON



2018
PRODUCT BROCHURE



BATTERY CHARGERS

The MPL charger is available in 12V, 10A, 20A, 50A and 24V 10A and 20A versions to meet the charging requirements of most battery sizes.

The MPL is suitable for use on AGM, GEL, Calcium and Lead Acid battery types. The MPL is used by some of the world's leading vehicle and battery manufacturers and it features our own Patented Sulphation Recovery System.

Although featuring sophisticated charging methods it is very simple and safe to use, batteries can be left connected indefinitely at the end of charging.

The 12V 50A MPL50 is equipped with a 50A constant output function for diagnostic support.

All Traction MPL chargers are manufactured at their own site in Devizes, UK.

MPL 10
12V OR 24V 10A

MPL20
12V 20A

MPL50
12V 50A

BATTERY CHARGERS

FEATURES

- Patented Sulphation Recovery Program
- Short circuit shutdown without blown fuse
- Reverse polarity protection
- Soft start current control
- Fast constant current bulk charge
- 3-stage charging: CI-CV-Float
- Constant voltage float/standby
- Proportional timing – minimal gas emission
- Independent overrun timer
- Accurate zero-crossing voltage sensing
- Flexibility – to match battery specification
- MPL10 available with UK or Euro plugs
- Manufactured in the UK
- OEM APPROVED

SPECIFICATIONS

INPUT

Available in 110V and 240V versions.

WEIGHT

- 8 KG (10A)
- 15 KG (20A)
- 23 KG (50A)

SIZE

- 250 x 180 x 190 MM
10A
- 380 x 260 x 190 MM
20/50A





12 OR 24 VOLT DUO CHARGING SYSTEM

The Duo Charge will correctly charge the batteries of a 12v or 24v system, saving money and extending battery life.

In use, the two 12v batteries that make up a 24v system discharge and charge at uneven rates, which results in loss of capacity and early failure.

The Duo Charge assesses each battery individually and applies the correct charge to each battery, maximizing battery life and reliability.

The Duo Charge does this without the need to remove or disconnect the batteries. It takes no longer to set up than a conventional 24v charger, and because it assesses the batteries individually it can take less time to fully charge both batteries.

FEATURES

- Patented Sulphation Recovery Program
- Short circuit shutdown without blown fuse
- Reverse polarity protection
- Soft start current control
- Fast constant current bulk charge
- 3-stage charging: CC-CV-Float
- Constant voltage float/standby
- Proportional timing – minimal gas emission
- Independent overrun timer
- Accurate zero-crossing voltage sensing
- Flexibility – to match battery specification
- Available with UK or Euro plugs
- Optional trolley available

DUO CHARGE
12V OR 24V 10A

BATTERY CHARGERS

SPECIFICATIONS

INPUT

100 - 240 VAC

50 / 60 HZ

OUTPUT

2 X 12V 10A

WEIGHT

23 KG

(EXCLUDING TROLLEY)

SIZE

380 X 265 X 215

MANUFACTURING ORIGIN

UK





BATTERY CHARGER

The **MPL10** charger from Traction Charger has been designed with the latest JLR workshop standards in mind.

Suitable for most common battery types – Ca/Ca, Ca/Ag, AGM, GEL and conventional lead acid.

The **MPL10** features Traction’s patented de-sulphation technology ensuring the battery is in peak condition before commencing charge.

As with all Traction Battery Chargers the **MPL10** is manufactured at our own UK site.

The rectified DC output of the **MPL10** achieves significantly higher standard of charge than its switched mode competitors.

All **MPL10** chargers come with the Traction Charger 5 year RTB warranty package.

FEATURES

- Patented Sulphation Recovery Program
- Short circuit shutdown without blown fuse
- Reverse polarity protection
- Soft start current control
- Fast constant current bulk charge
- 3-stage charging: CI-CV-Float
- Constant voltage float/standby
- Proportional timing – minimal gas emission
- Independent overrun timer
- Accurate zero-crossing voltage sensing
- Flexibility – to match battery specification
- Available in UK/Euro/110v versions
- OEM approved

MPL 10
12V OR 24V 10A

BATTERY CHARGERS

SPECIFICATIONS

INPUT
220 - 250 VAC

WEIGHT
8 KG

MANUFACTURING ORIGIN
UK

SIZE
250 x 180 x 190 MM





BATTERY CHARGER

The **MPL50** charger from Traction Charger has been designed with the latest JLR workshop standards in mind.

Suitable for most common battery types – Ca/Ca, Ca/Ag, AGM, GEL and conventional lead acid.

The **MPL50** features Traction's patented de-sulphation technology ensuring the battery is in peak condition before commencing charge.

As with all Traction Battery Chargers the **MPL50** is manufactured at our own UK site.

The rectified DC output of the **MPL50** achieves significantly higher standard of charge than its switched mode competitors.

All **MPL50** chargers come with the Traction Charger 5 year RTB warranty package.

FEATURES

- Patented Sulphation Recovery Program
- Short circuit shutdown without blown fuse
- Reverse polarity protection
- Soft start current control
- Fast constant current bulk charge
- 3-stage charging: CI-CV-Float
- Constant voltage float/standby
- Proportional timing – minimal gas emission
- Independent overrun timer
- Accurate zero-crossing voltage sensing
- Flexibility – to match battery specification
- Available in UK/Euro/110v versions
- 50A constant output function for diagnostic support

MPL 50
12V 50A

BATTERY CHARGERS

SPECIFICATIONS

INPUT
220 - 250 VAC

WEIGHT
23 KG

MANUFACTURING ORIGIN
UK

SIZE
380 x 260 x 255 MM





BATTERY CHARGER

The **MPL20** charger from Traction Charger has been designed with the latest JLR workshop standards in mind.

Suitable for most common battery types – Ca/Ca, Ca/Ag, AGM, GEL and conventional lead acid.

The **MPL20** features Traction's patented de-sulphation technology ensuring the battery is in peak condition before commencing charge.

As with all Traction Battery Chargers the **MPL20** is manufactured at our own UK site.

The rectified DC output of the **MPL20** achieves significantly higher standard of charge than its switched mode competitors.

All **MPL50** chargers come with the Traction Charger 5 year RTB warranty package.

FEATURES

- Patented Sulphation Recovery Program
- Short circuit shutdown without blown fuse
- Reverse polarity protection
- Soft start current control
- Fast constant current bulk charge
- 3-stage charging: CI-CV-Float
- Constant voltage float/standby
- Proportional timing – minimal gas emission
- Independent overrun timer
- Accurate zero-crossing voltage sensing
- Flexibility – to match battery specification
- Available in UK/Euro/110v versions
- OEM approved

MPL 20
12V OR 24V 20A

BATTERY CHARGERS

SPECIFICATIONS

INPUT
220 - 250 VAC

WEIGHT
15 KG

MANUFACTURING ORIGIN
UK

SIZE
380 x 260 x 190 MM





The **BSU** range all provide a constant voltage to prevent loss of data and possible damage to control units during software updates, and module reprogramming as well as diagnostics processes when in a Key On, Engine Off state.

During diagnostic or programming operations, the vehicle's systems are operating solely from the battery. Maintaining battery charge during this process is critical. The status of all BSU units is indicated simply by three LED's - POWER, POLARITY, DEMAND. When all three are illuminated, **BSU** is supporting the battery.

Designed to be wall, ramp or trolley mounted, the BSU range has been designed to meet the needs of the high power consuming vehicle. Supplied with 5M output leads as standard. OEM approved.



BATTERY SUPPORT UNIT RANGE

BSU2-50B



INPUT

100 - 240 VAC
50 / 60 HZ

FIXED OUTPUT

13.4V UP TO
50A CONTINUOUS

WEIGHT

6 KG

SIZE

257 x 160 x 130 MM

BSU2-125B



INPUT

90 - 264 VAC

FIXED OUTPUT

13.4V UP TO
125A CONTINUOUS

WEIGHT

8.5 KG

SIZE

300 x 184 x 124 MM

BSU3-125



INPUT

90 - 264 VAC

FIXED OUTPUT

12.7V - 14.8V UP TO
125A CONTINUOUS

WEIGHT

8.5 KG

SIZE

300 x 184 x 124 MM



DIAGNOSTICS, RE-PROGRAMMING, ABS BRAKE BLEEDING

The **BSU2-50B** provides a stable voltage and up to 50 amps (dependant on model) of fully regulated power to prevent loss of charge and damage to the battery.

The **BSU2-50B** can be used with any 12V automotive battery including AGM and GEL.

When the battery is charged the BSU is a regulated power supply to sustain accessory loads and offset parasitic drain.

Can be used in the showroom to maintain the battery charge while power consuming accessories are being demonstrated without fear of power loss.

Reverse polarity protection.

Output current display.

Supplied with 5M IEC power lead.

FEATURES

BSU2-50B

This low profile (90mm) BSU2-50B provides a constant voltage to prevent loss of data and possible damage to control units during software updates, and module reprogramming as well as diagnostic processes when in a Key On, Engine Off state.

During diagnostic or programming operations, the vehicle's systems are operating solely from the battery. Maintaining battery charge during this process is critical.

Designed to be wall or ramp mounted the BSU2 has been designed to meet the needs of the high power consuming vehicle.

Supplied with 5M output leads as standard.

BATTERY SUPPORT UNIT

SPECIFICATIONS

INPUT
100 - 240 VAC
50 / 60 HZ

WEIGHT
6 KG

MANUFACTURING ORIGIN
UK

SIZE
380 x 260 x 190MM

CARTON
380 x 260 x 190 MM





DIAGNOSTICS, RE-PROGRAMMING, ABS BRAKE BLEEDING

The **BSU2-125B** provides a selectable stable voltage and up to 125A of fully regulated power to prevent loss of battery charge and damage to vehicle components.

Can be used in the showroom to maintain the battery charge while power consuming accessories are being demonstrated without fear of power loss.

The **BSU2-125B** can be used with any 12v automotive battery.

Reverse polarity protection.

When the battery is charged the BSU is a regulated power supply to sustain accessory loads and offset parasitic drain.

FEATURES

BSU2-125B

BSU2-125B provides a constant voltage to prevent loss of data and possible damage to control units during software updates, and module reprogramming as well as diagnostic processes when in a Key On, Engine Off state.

During diagnostic or programming operations, the vehicle's systems are operating solely from the battery. Maintaining battery charge during this process is critical.

Designed to be wall, ramp or trolley mounted the BSU2-125B has been designed to meet the needs of the high power consuming vehicle.

The status of BSU2-125B is indicated simply by three LED's – POWER, POLARITY, DEMAND. When all 3 are illuminated, BSU2-125 is supporting the battery.

SPECIFICATIONS

INPUT

90 - 264 VAC

WEIGHT

8.5 KG

MANUFACTURING ORIGIN

UK

SIZE

300 x 184 x 124 MM



BATTERY

SUPPORT UNIT



DIAGNOSTICS, RE-PROGRAMMING, ABS BRAKE BLEEDING

The **BSU3** provides a selectable stable voltage and up to 125A (100A @ 14.8V) of fully regulated power to prevent loss of battery charge and damage to vehicle components.

The **BSU3** can be used with any 12v automotive battery.

When the battery is charged the BSU is a regulated power supply to sustain accessory loads and offset parasitic drain.

Can be used in the showroom to maintain the battery charge while power consuming accessories are being demonstrated without fear of power loss.

Designed to be wall, ramp or trolley mounted the BSU3 has been designed to meet the needs of the high power consuming vehicle.

Reverse polarity protection.

FEATURES

BSU3-125B

BSU3 provides a constant voltage to prevent loss of data and possible damage to control units during software updates, and module reprogramming as well as diagnostic processes when in a Key On, Engine Off state.

Output voltage can be selected from one of three preset levels: 12.7V, 13.8V, 14.8V

During diagnostic or programming operations, the vehicle's systems are operating solely from the battery. Maintaining battery charge during this process is critical.

The status of BSU3 is indicated simply by three LED's – POWER, POLARITY, DEMAND. When all 3 are illuminated, BSU3 is supporting the battery.

BATTERY SUPPORT UNIT

SPECIFICATIONS

INPUT
90 - 264 VAC

WEIGHT
8.6 KG

MANUFACTURING ORIGIN
UK

SIZE
300 x 184 x 124 MM





FOLDING ROOFS, HIGH
POWER HIFI, AUTO
TAILGATE DEMOS

The **SSU2-50B** provides a stable voltage and up to 50 amps of fully regulated power to prevent loss of charge and damage to the battery.

The **SSU2-50B** can be used with any 12V automotive battery including AGM and GEL.

When the battery is charged the SSU is a regulated power supply to sustain accessory loads and offset parasitic drain.

Battery state detection, ensuring safe prolonged use.

Output current display.

Reverse polarity protection.

Disconnect detection.

Supplied with 5M IEC power lead and 5M output leads.

FEATURES

SSU2-50B

This low profile (90mm) battery conditioner has been designed specifically for car showrooms.

Most conventional battery conditioners simply trickle charge the battery after it has been drained. The SSU2-50B provides instant support to the battery negating the need for recharging. With the SSU2-50B showroom conditioner connected to your vehicles you can be sure that they are always ready for demonstration and that the battery will be kept in prime condition.

This unit has been designed to slip under most vehicles without scratching the floor surface and features automatic current sensing so that it knows when it is needed. The intelligent sensing in the SSU2-50B determines exactly when support is required to minimize unnecessary noise and power consumption.

SHOWROOM SUPPORT UNIT

SPECIFICATIONS

INPUT

100 - 240 VAC

50 / 60 HZ

WEIGHT

6 KG

MANUFACTURING ORIGIN

UK

OUTPUT

13.4V UP TO

50A CONTINUOUS

SIZE

280 x 190 x 90 MM

CARTON

320 x 250 x 230 MM



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