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STARTING DEVICES

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Banner ES 1224

A synonym for flexibility!

The Banner ES 1224 stands out due to its operational flexibility. An operating button provides switching between 12V and 24V, while 900A starting current and a **150cm**-long connecting cable make the ES 1224 a universal genius. **Protection against polarity reversal and incorrect voltage selection**, and a warning in the case of a **load on the vehicle battery** ensure optimum safety.



FEATURES

- Starting assistance up to 1,600A (24 V) / 3,200A (12V).
- Switch for 12V and 24V DC supply.
- Battery status gauge.
- 34mm² welding cable with fully insulated clamps.
- 150cm cable length.
- Also suitable for power supply.
- Cigarette lighter cable included (12V adapter).
- Single part polyethylene casing.
- Two exchangeable AGM batteries.

TECHNICAL DATA

Model: Banner ES 1224

Art. No.: 1220011224

Voltage: 12V/24V

Max. starting current: 1,500A (24V) / 3,000A (12V)

Capacity: 2 x 16Ah

Starting capacity: 800A (12V) / 400 (24V)

Batteries: Hawker Genesis AGM strong current batteries

Weight: 20.4kg

Cable length: 150cm



MEMORY SAVER

The Memory Saver reliably prevents the loss of vehicle data.

Prior to a battery change, the Memory Saver is simply attached to the OBDII pug of the vehicle and thus prevents data loss.



FEATURES

- Connection via the OBDII plug or cigarette lighter.
- Battery and charging status gauges.
- Including battery charger.
- Handy design.

TECHNICAL DATA

Model: Memory Saver

Art. NO.: 1030003000

Voltage: 12V

Battery: 7Ah

Dimensions: 19.7/19/20.3cm

Weight: 3.6 kg



P3 PROFESSIONAL

Mobile power for petrol and diesel vehicles!

The P3 Professional offers safe starting assistance up to 1,600 A. The efficient power supply takes place via two fully insulated clamps. This starting assistance device is also ideal as a mobile power source, e.g. for cool boxes, televisions, radio and electrical tools.



FEATURES

Portable, cable-free, safe and powerful!

- Starting assistance up to 1,600 A (12 V)
- Protection against voltage peaks
- Fully insulated clamps
- Also suitable for mobile power supply
- Including automatic 1.5 A mains charging device
- Including cable for cigarette lighter (12 V adapter)
- Gas-tight, special lead battery
- Robust casing shell

TECHNICAL DATA

Model: Start Booster P3 Professional
Art. No.: 1220000700
Voltage: 12 V
Peak output: 1,600 A (SAE)
Capacity: 12 V, 16 Ah
Start current: 700 A
Weight: 8.5 kg (10.7 kg including packaging)
Charge: 230 V
Charging: 12 V, 1.5 A
Charge voltage: max. 14.9 V
Service life: approx. 500 cycles
Cable: copper cable, \varnothing 28 mm², length: 1.1 m
Dimensions: 28 x 16 x 35 mm



P12/24 START TRUCK

Starting power for cars and trucks!

The P12/24 Start Truck offers universal starting assistance with 12 and 24V. The efficient power supply takes place via two fully insulated clamps. This starting assistance device is also ideal as a mobile power source, e.g. for cool boxes, televisions, radio and electrical tools.



FEATURES

Portable, cable-free, safe and powerful!

- Universal starting assistance with 12 and 24 V
- Protection against voltage peaks
- Fully insulated clamps
- Also suitable for mobile power supply
- Including 4 ampere automatic mains charging device
- Including cable for cigarette lighter (12 V adapter)
- Gas-tight, special lead battery
- Robust casing shell

TECHNICAL DATA

Model: Start Booster P12/24 Start Truck

Art. No.: 1220000310

Voltage: 12/24 V

Peak output: 3,200/1,600 A (SAE)

Capacity: 12/24 V, 32 Ah

Start current: 700 A

Weight: 17.2 kg (19.4 kg incl. packaging)

Charge: 230 V

Charging: 12 V, 1.5 A

Charging voltage: max. 14.9/25.2 V

Service life: approx. 500 cycles

Cable: copper cable, Ø 40 mm², length: 1.75 m

Dimensions: 32 x 21 x 44 mm



STARTER CABLE

Banner starter cable with handy battery clamps and fully insulated 600A steel sheet clamps with two cast terminal inserts. Protected against voltage peaks.

CAR STARTER CABLE

- 35 mm² cable cross-section
- Length: 4.5m
- Weight: 4.5kg
- Protection against voltage peaks
- Handy battery clamps for tight spaces
- Fully insulated 600A steel sheet clamps with two cast terminal inserts
- Highly flexible PVC copper line
- For petrol engines up to max. 7,000cm³
- For diesel engines up to max. 4,000cm³
- Short-term load of max. 480A
- TÜV/GS/DIN 72553
- Packed in a practical zip bag
- Art. No.: 1030000735



TRUCK STARTER CABLE

- 50 mm² cable cross-section
- Length: 5m
- Weight: 5.6kg
- Protection against voltage peaks
- Handy battery clamps for tight spaces
- Fully insulated 600A steel sheet clamps with two cast terminal inserts
- Highly flexible PVC copper line
- For diesel engines up to max. 16,000cm³
- Short-term load of max. 1000A
- With practical fabric bag
- Art. No.: 1030000750

