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STARTING DEVICES

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BULL STARTER 12 V

The Banner booster for professionals!

With its high-current battery, the Bull Starter 12V provides reliable starting assistance. An on-off switch, reverse polarity safeguard and a tough polypropylene casing with bottom protection provide safety for professional applications.



FEATURES

- Exchangeable Energsys/Hawker high-current, AGM battery
- Reverse polarity safeguard
- On-off switch
- Including 2A charger
- Digital display for voltage, battery charging status and vehicle charging voltage
- 12V socket for connection to external devices
- Polypropylene casing with ventilation slits and bottom protection for increased safety
- Ultra-flexible cable with exchangeable clips fitted with copper inserts
- Storage drawer for the clips and cable box
- Output protected against short circuits

TECHNICAL DATA

Model: Bull Starter 12 V
Art. No.: 1220005700
Voltage: 12V
Max. peak current: 1,600A
Starting current: 680A
Capacity: 12V, 16Ah
Weight: 9.5kg
Charging voltage: max. 14.9V
Cable: copper, \varnothing 21.14 mm², length: 1.3m
Dimensions: (H x W x D) 38 x 35.6 x 12cm



BULL STARTER 12/24 V

The Banner booster for professionals!

With its two AGM high-current batteries, the Bull Starter 12/24V provides reliable starting assistance. An on-off switch, reverse polarity safeguard and a tough polypropylene casing with bottom protection provide safety for professional applications.



FEATURES

- Two exchangeable Energys/Hawker high-current AGM batteries
- Reverse polarity safeguard
- On-off and voltage selection switches
- Including 2A charger
- Digital display for voltage, battery charging status and vehicle charging voltage
- 12/24V socket for connection to external devices
- Polypropylene casing with ventilation slits and bottom protection for increased safety
- Ultra-flexible cable with exchangeable clips fitted with copper inserts
- Storage drawer for the clips and cable box
- Output protected against short circuits

TECHNICAL DATA

Model: Bull Starter 12/24 V

Art. No.: 1220005310

Voltage: 12 and 24V

Max. peak current: 3,200A / 1,600A

Starting current: 1,360A / 680A

Capacity: 12V, 16Ah

Weight: 17.3kg

Cable: copper, Ø 33.61 mm², length: 1.4m

Dimensions: (H x W x D) 38 x 35.6 x 19.6cm



GENESIS EP16 SKU#1661

Model name: EP12V – 16Ah 6.1kg

PERFORMANCE

- Voltage: 12 volts
- Full Charge Voltage: 13.45 volts
- Short Circuit Current (Max Cranking Amps): 1600
- Cold Cranking Amps (PCA) 5sec @ 80F: 680
- Capacity (C/20 rate) 16 amp hr

PHYSICAL SPECS

- Length: 7.15" / 181.6 mm
- Width: 3.0" / 76.2 mm
- Height: 6.61" / 176.9 mm
- Minimum Weight (lbs): 13.5 lbs / 6.1 kg

CHARGING INFORMATION

- Recommended charging information: Automatic Charger
- Alternator: Automotive, Marine and Cycle Compatible
- Battery charger: Charger 2 Amp
- Rapid Recharger: Charger 10 Amp
- Maximum charge if below 80% D.O.D.: 30 amp/hr for 15 min
- Maximum recharge Voltage: 14.8 – 15.2 volts
- Float charge: 13.2 volts – 13.5 volts @ 1-2amp



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 x 19,0 x 20,3 cm

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!

- Exchangeable Enersys/Hawker AGM high-current battery
- 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)

TECHNICAL DATA

Model: Start Booster P3 Professional
Art. No.: 1220000700
Voltage: 12 V
Peak output: 1,600 A (SAE)
Start current: 680 A
Capacity: 12 V, 16 Ah
Weight: 8.5 kg (10.7 kg including packaging)
Charge: 230 V
Charging: 12 V, 1.5 A
Charge voltage: max. 14.9 V
Cable: copper cable, Ø 28 mm², length: 1.1 m
Dimensions: 28 x 16 x 35 cm



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: 4.5 m
- Weight: 4.5 kg
- 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. 7,000 cm³
- For diesel engines up to max. 4,000 cm³
- Short-term load of max. 480 A
- TÜV/GS/DIN 72553
- Packed in a practical zip bag
- Art. No.: 1030000735



TRUCK STARTER CABLE

- 50 mm² cable cross-section
- Length: 5 m
- Weight: 5.6 kg
- 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. 16,000 cm³
- Short-term load of max. 1000 A
- With practical fabric bag
- Art. No.: 1030000750

