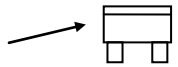
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# DC/DC BOOSTER

## DC/DC Booster

**0037132**

The DC/DC booster is designed for use with all types of rechargable lead acid batteries. The Booster raise the input voltage from the alternator to an output level of 28,2V and charge the connected battery. Wiring diagram below.

- **Input voltage:** 26-29V DC.
- **Output Voltage:** 28,2V up to approx. 8amp
- **Efficiency:** More than 90%.
- **Fuse:** one ”autofuse” as a wrong polarity protection 

- **Current consumption without load when activated:** Less than 5mA.
- **Current consumption from secundary battery when inactivated:** Less than 0,25mA.
- **Operation:** When the input voltage rise above 26V the booster starts to charge the battery. The charging characteristics is IU. When the charging phase starts the current limiter allows 12 amp. The current limit is controlled by internal microcontroller. The output voltage level is 28,2V at the output current of 8 amp. The booster is shutted off when input voltage is reduced below 25,8V with a delay of approx 30 seconds. The Booster is equipped with internal overheatprotection

- **Housing:** IP65.
- **Ambient temp:** -20°C till +40°C.

### Warning

- When charging batteries explosive gases may occur - avoid fire.




## 24V DC / 28,2V 8A DC

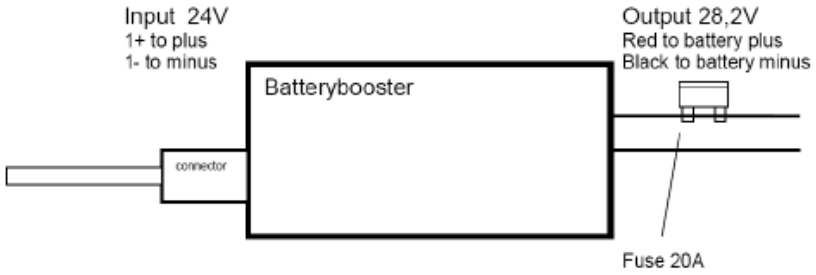
**PRIMEPOWER AB** Idavägen 11 SE-352 46 VÄXJÖ Sweden
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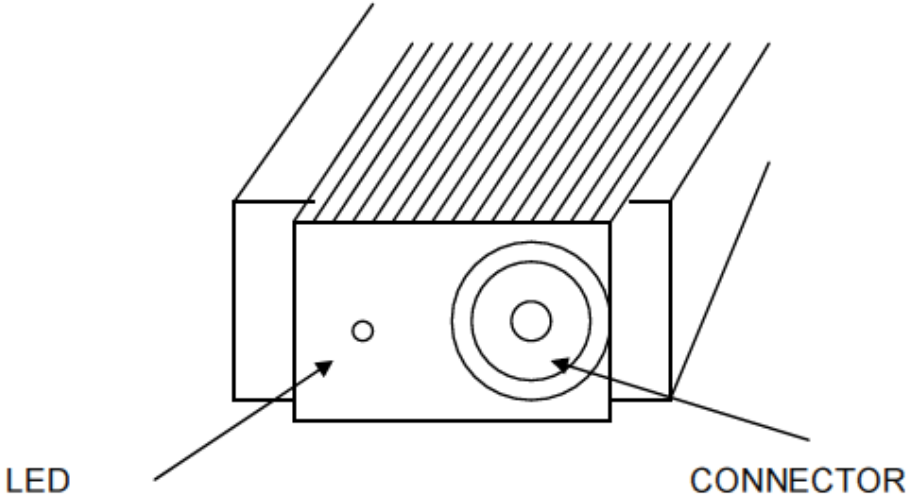
**Function:**
The DC/DC booster is designed for use with all types of rechargable lead acid batteries. The Booster raise the input voltage from the alternator to the outputlevel of 28,2V and the connected battery is charged.

**Ex.** The Booster takes power from the vehicle alternator/starter battery to charge a pallet lifter when the engine is running.

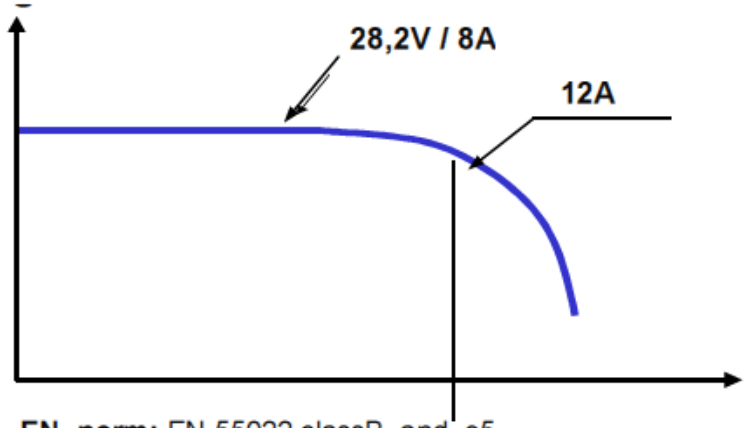
**Installation**
Boostern is mounted with 4 screws.
Boostern wiring diagram below.
The electrical installations is done accordingly to wiring diagram below

**T**he quick connector makes the installation very quick and easy!
Mount the supply voltage –input- (plus to ”1+” and minus to ”1-”) to the enclosed connector and the connect the output cables (red to plus and black to minus) to the battery.




## Characteristics




**EN -norm:** EN 55022 classB and e5

## Technical data (could changes without further notice)

| Type / Art. nr | Input Voltage | Charging current at 28,2V | Maximum Charging current | Case | Max battery capacity | fuse | dimensions mm | weigt kg |
|---|---|---|---|---|---|---|---|---|
| 0037132 | 26 - 29V DC | 8 A | 12 A | IP 65 | 120Ah | 1 pcs 20A | 198x98x38 | 1,2 |

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