

Charge Booster BPC 12-12/40

The charge booster BPC 12-12/40 is designed for 12 V on-board power supplies and monitors the charge voltage and battery levels fully electronically, thus extending the battery's service life.

// Optimised for Euro 6
// Protection against over-/undervoltage
// For lead and lithium batteries

The BPC 12-12/40 is an active charge booster that gently charges the auxiliary batteries while driving. The booster is mounted between the starter battery and the auxiliary battery. If the vehicle is in operation, this is detected by the generator management and the power is increased accordingly. This generates charging current until the auxiliary battery is also 100 % charged. The BPC 12-12/40 charge booster is designed for 12 V on-board power supply systems and monitors the charging voltage and battery levels fully electronically, thus extending the service life of the batteries. The special feature of this charge booster is that CLP batteries are charged particularly gently via the CAN bus. Furthermore, charging of lithium batteries is also possible.

Technical Information

Bias current	< 10 mA
Connection AC input	Bolt, M8
Connection DC output	Bolt
Input current, max.	55 A
Input voltage (DC)	9.8 V ... 32 V
Input voltage range	11.5 … 15 V
Level of efficiency	? 95 %
Operating temperature	-20 °C ... +50 °C
Output current	40 A
Output voltage	14.1 V/14.5 V/15 V
Status display	LED
Dimensions (L x W x H)	170 x 137 x 70 mm
Weight	0.9 kg

*In the chosen option