

DC-DC CHARGER PB TRC-M

Blue Motion charger PowerBoost PB Trc-M series

The new generation of energy-efficient EURO5/6 vehicles are often equipped with a "low voltage" alternator. It is not possible to successfully charge a second battery in these so-called "Blue Motion" vehicles due to their standard isolation relay. To do so the PB-Trc M1212/50 "EURO 5/6 charger" is suitable, which charges with the correct high charging voltage of 14.4V with max. 50A!



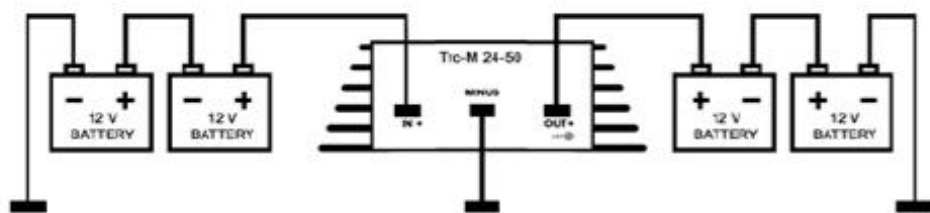
DC-DC converter Motion Controlled Switch Mode

There are currently 3 versions as standard with choice of Ignition Controlled (IC) or Motion (M) controlled control (ON/OFF control), other versions on request.

1. PB-Trc M 1212-50 => IN: 10-18Vdc OUT: 14.4V / 50A
(200210; undervoltage protection input, overvoltage protection input) [output adjustable with potentiometer: 13.2V to 15.7V]
2. PB-Trc M 1224-25 => IN: 10-18Vdc OUT: 28.8V / 25A
(200211; undervoltage protection input, overvoltage protection input) [output adjustable with potentiometer: 24.2V to 29.8V]
3. PB-Trc M 2424-50 => IN: 20-35Vdc OUT: 14.4V / 50A
(200212; undervoltage protection input, overvoltage protection input) [output adjustable with potentiometer: 24.2V to 29.8V]

With signal/contact wire control / IGNITION CONTROL (IC)
if ignition is on and/or engine is on,
Charger=> ON, if engine is off and ignition is off, Charger=>OFF.

With Motion Controlled (M) drive.
if motor is running / on, it gives a slight vibration which activates the built-in vibration sensor and switches on the charger;
Charger=> ON, when engine is off Charger=>OFF.



	IN (VDC)	OUT (VDC)	Amps (A)	Dimensions (mm)	Unit Weight (KG)	FUSE (A)
Trc-M 24-24 50A	20-35	28,8	50	64x335x163	2,3	50
Trc-M 12-12 50A	10-17	14,4	50	64x335x163	2,3	50
Trc-M 12-24 25A	10-17	28,8	25	64x335x163	2,3	25