



WP-CB

Charger Booster (Euro 6)

Datasheet		12VDC 30A	12VDC 50A	12VDC 50A IC	24VDC 50A	24VDC 50A IC
Article No.	60110062	60110060	60110063	60110065	60110061	
INPUT						
Nominal input voltage	13..15 VDC	13..15 VDC	13..15 VDC	26..29 VDC	26..29 VDC	
Input range, full output specifications	10,5..17 VDC	10,5..17 VDC	10,5..17 VDC	21..32 VDC	21..32 VDC	
Input range, no defects	9..18 VDC	9..18 VDC	9..18 VDC	9..32 VDC	9..32 VDC	
OUTPUT						
Nominal output voltage	28,8 VDC	14,4 VDC	14,4 VDC	28,8 VDC	28,8 VDC	
Voltage adjustment	none	none	none	none	none	
Output voltage ripple, peak	1%	1%	1%	1%	1%	
Maximum output current	30 A	50 A	50 A	50 A	50 A	
Continuous output current at 40°C	30 A	50 A	50 A	50 A	50 A	
GENERAL						
Efficiency						>93%
No load consumption						<80mA
Ambient operating temperature						-10°C .. +40°C, de-rating to +60°C
Storage temperature						-25°C .. +85°C
Operating humidity						95% max, non-condensing
Galvanic insulation						Common negative
Cooling fan						No
PROTECTIONS						
Overcurrent / short circuit						Yes / Fuse
Over heat, shutdown						limited power by temperature sensor
MECHANICAL						
Connections input/output, brass strips						8mm2
Enclosure dimensions (H*W*D)						64 x 335 x 163 mm
Mounting holes						dia 6 mm 156 x 262 mm
Weight						2,25 kg
Protection class						IP20
Enclosure Material						Anodized alu, blanc ff4 blend end cover
Enclosure Colour						Black RAL 9011

- One step vehicle charger for 12, 24V battery systems
- The Charger Booster is carried out with a vibration detection unit.
- Power supply for entire DC installation
- High class switched mode technology
- Efficient conversion with minimal energy loss

- Under and over voltage protection.
- When the input voltage drops below the 10,5V (21,0V at 24V system) or exceeds above the 17,0V (34,0V at 24V system) the Charger Booster will switch off.
- Common ground (non-isolated)
- All protection circuitry included
- Temperature compensated
- Plug & play installation

