



Best for charging battery from long distance connection

The **MOTORMATE DC – DC Isolated Power Booster** designed with the latest switch-mode technology to meet the modern automobile applications. Install the Motormate Power Booster in motor home, caravan or marine to operate the electronic and computer base device at its best performance with a stable and clean voltage supply.



Charge the battery from a long distance connection without worry about the line-loss while traveling. Single unit or parallel operation gives you the great flexibility to expand the power whenever is needed.

We provide two types 12V and 24V Isolated Power Booster with variety of DC output current 8A to 40A (12V) and 5A to 20A (24V):

Model	PB-1108
Input and Output	
Continuous Output Current 8A	
Input Voltage	12VDC (8-16VDC operative)
Output Voltage	13.8VDC
Line Regulation	20mV
Efficiency	90% at full load
Ripple & Noise	30mV rms
Load regulation	30mV from no load to full load
Protections	
Ignition Protected	Yes
Short Circuit Protection	Yes
Overload Protected	Yes
Overheat Protected	Yes
Features	
Parallel Operation	Yes, allow parallel connection
Battery Charging	Yes, suitable for battery boost charging
External Control	Yes, input and output is fully isolated
Physical	
Input connection	Cable with terminal rings
Output connection	Terminal block
Display	External control, Green-Power On, Yellow-Input Low, Red-Output Overload
Cooling	Natural
Operation temperature	-20°C to 50°C
Case	Anodized aluminum case with mounting cover
Weight (kg)	0.75
Size L x W x H (mm)	10 x 11.5 x 7