

BATTERY EXCHANGER

MSE-9131 / 9141

Description

The MSE-9000 series DC Battery Exchanger is designed to ensure uninterrupted DC power from the standby battery to the connected load such as transceiver during black outs of AC source.

This battery exchanger provides a reliable and in time power transfer solution, with minimal interruptions to the load.

It also enables the simultaneous connection of both AC-DC power supply and standby batteries, allowing for continuous power supply to the transceiver while offering the flexibility to charge the batteries using the power supply.

The MSE-9000 series DC Battery Exchanger is built with high-quality materials to withstand tough environments.

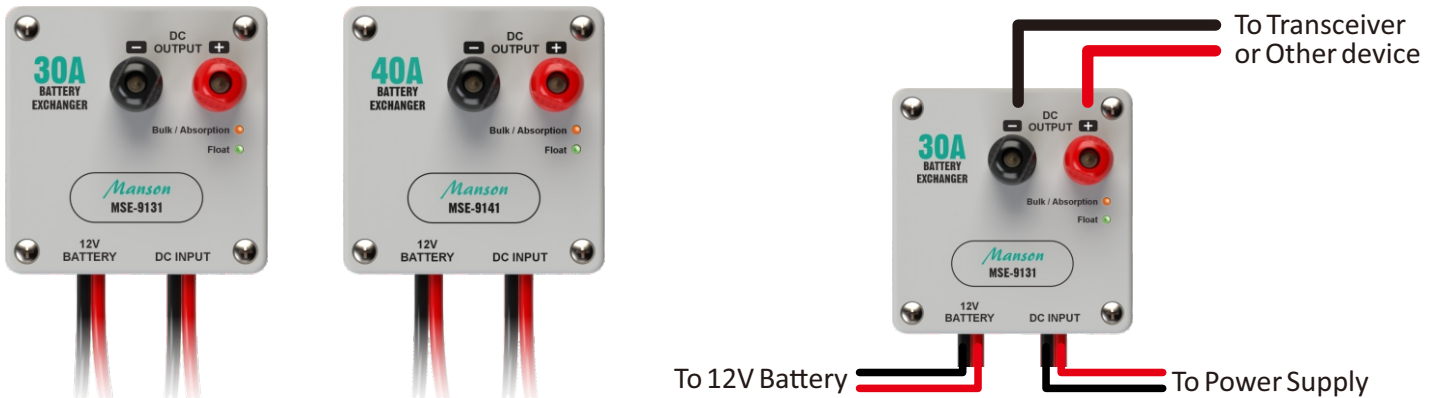
In conclusion, the MSE-9000 series DC Battery Exchanger offers a fail save solution for uninterrupted power transfer and battery charging.

Features

- Uninterrupted operation and battery over discharge protection.
- Two Stages genuine Battery Charging Capability with built-in booster.
- High Durability and Reliability.
- Easy to hook up connection.
- A Fail Safe device to ensure uninterrupted DC source to critical loads when main AC-DC supply is not reliable.

Typical Applications

- Telecommunication radios with backup lead acid battery.
- Monitoring system with backup lead acid battery.
- Any 12VDC system where the primary power supply is subjective to electrical outages.



Specifications

Models	MSE-9131	MSE-9141
13.8VDC Input		
Input Voltage Range	11-15VDC	
Output Load Current (Continuous)	30A	40A
Battery		
Absorption Charging Voltage (built-in booster)	14.4V	
Float Voltage	13.5V	
Restart Cycle Charger Voltage	11.8V	
Battery Charging Current	3A	
LVD (Low voltage that the batt. is disconnect to protect batt. from over-discharge)	11.1V	
LVR (Minimum charged up battery voltage to reconnect to the load again)	12.6V	
DC Power mode & Battery backup mode conversion time	<150ms	
Voltage drop while conversion	<2V (Output voltage at half load)	
Dimension (WxHxD)	83 x 81 x 86 mm	
Weight	340g	

* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE