

STEALTH EV

3.3 KW AIR COOLED CHARGER + 1 KW DC/DC CONVERTER

The SEV33ADE-108 is a combination high-frequency battery charger and DC/DC converter in one package. Battery chargers are ideal for use in Electric Vehicle Conversions, Aircraft, Motorcycle, Watercraft, On/Off-Road and general battery-powered vehicles.

FEATURES

Integrated high-frequency battery charger and DC/DC converter saves space, weight, and cabling thereby minimizing the cost of inventory, installation and service.

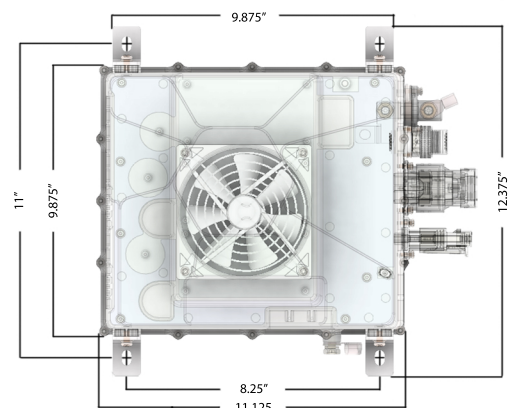
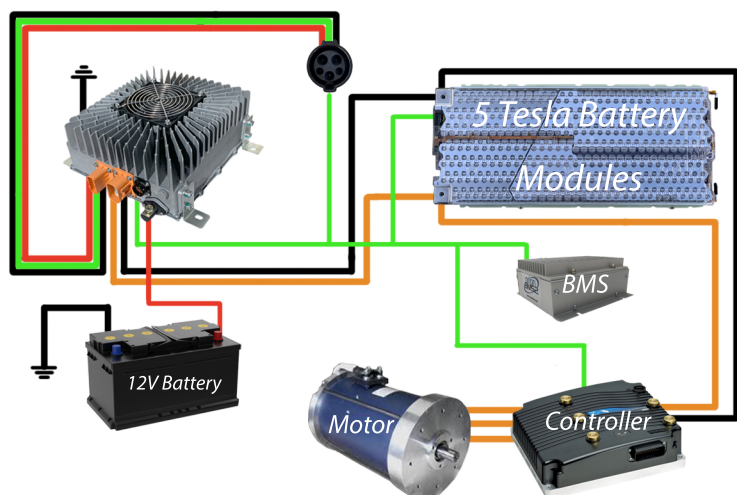
Advanced, high-frequency, switchmode design allows more efficient (92% typ), faster charging and optimal charging independent of battery type or condition.

Power Factor of >0.99 minimizes utility surcharges and optimizes the use of AC line power.

Wide range AC mains input (85–265 VAC) allows use of one charger anywhere in the world and eliminates the need to stock and service multiple models.

Lightweight and compact size allows on-board use and offers space advantages over ferro-resonant chargers in traditional off-board installations.

Extensive safety features such as reverse polarity and short circuit protection ensure safe operation for both the operator and the charger itself.



Item	Specifications
OBC Output	
Output Power	3.3kW
Voltage Range	90-130vdc
Output Current	32A
Aux Output	13.8vac, 7A; 100W
DC/DC Output	
Output Power	1kW
Output Voltage	14vdc
Output Current	72A
OBC Input	
Input Voltage	85-265vac
Nominal Input Voltage	85vac-265vac
Max Input Current	16A
AC Input Frequency	50/60Hz
AC Power Factory	0.99
DC/DC Input	
Input Voltage	90-130vdc
Maximum Input Current	10A
Mechanical	
Operating Ambient Temperature	-40~75C
Storage Temperature	-40~95C
Dimensions	283x251x114mm; 11.125x9.875x4.5"
Weight	7kg; 15.4lbs
Relative Humidity (non-condensing)	>85%
Altitude	<5000m
Regulation	
Environment	IP67, IEC60068, CNS15454
Communication	SAE J1772, IEC61851
Emission	IEC 1000/IEC 801-2,3,4/IEC 255-4
Communication	
Interface	CAN BUS, DC/DC Enabled w/ 12V+ Signal Input
Protection	
Input Protection	Surge protection Short circuit protection Over voltage protection Under voltage protection Input Fuse over current protection
Output Protection	Short circuit protection Over load protection Reverse Priority protection Over voltage protection Over temperature protection Current limit protection Output fuse over current protection
Others	
Microprocessor Control	Self-diagnostic, Internal parameters monitoring
Control Loop	Voltage and current dual control loop