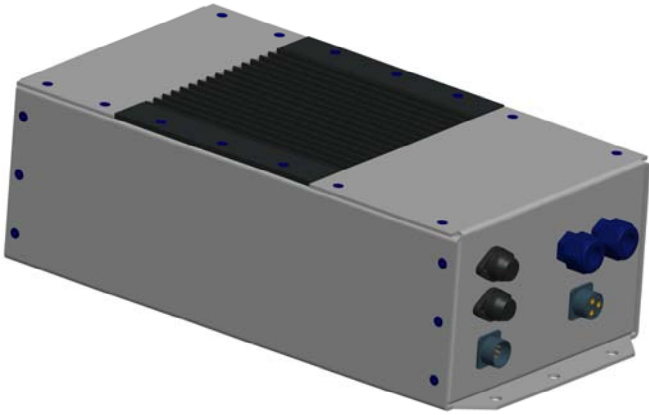


# HEVT's Battery Chargers

## Plug In Power



### Description

HEVT's battery chargers provide the interface between the "grid" and a high power traction battery pack. HEVT offers both unidirectional and vehicle-to-grid (V2G) bidirectional chargers for plug-in hybrid and electric vehicles. The unidirectional chargers are fully controllable whether in constant current or constant voltage mode. The bidirectional chargers also allow for dynamic control of energy-to-grid operation. The instantaneous charger parameters (current, voltage, power, temperature, and status) are optionally provided via a CAN bus interface. All charger system parameters and limits are adjustable via its RS232 serial diagnostic interface.

### Applications

- Plug-in Hybrid Electric Vehicles
- Electric Vehicles
- Vehicle-to-grid (V2G) systems
- Energy storage banks

### Features

- Input 120VAC/240VAC
- Output 270-400VDC
- Power factor correction
- Fused input/outputs
- Unidirectional or bidirectional systems
- Optional CAN bus feedback/interface
- Power metering available
- PWM or analog current control
- RS232 serial interface for diagnostics
- Over temperature protection
- Over load protection
- Forced air cooling
- Wide operating temperature
- Standby power-save mode

### Ordering Information

Unidirectional Charger		Bidirectional Charger	
Power	Unit Price	Power	Unit Price
1.8kW	\$1,100 USD	1.8kW	\$2,050 USD
2.4kW	\$1,500 USD	2.4kW	\$2,850 USD
3.6kW*	\$2,100 USD	3.6kW*	\$3,900 USD
4.8kW*	\$2,600 USD	4.8kW*	\$4,800 USD
7.2kW*	\$3,000 USD	7.2kW*	\$5,500 USD
12kW*	Call	12kW*	Call

\*Requires 240VAC for rated power  
10% price break 10+ units, 8-10 wk lead time  
To order: call +1-312-235-3602 or send request to [contact@hevt.com](mailto:contact@hevt.com)