



## AXT

By integrating OBC and DC/DC, AXT achieves full bidirectional charging and power management simultaneously or separately.

AC Port		
Voltage	Input	Power
1 or 3 ph VAC	> 0.99 PF	Pending SAE J3072 V2G
	45 - 65 Hz	Four-Quadrant Bidirectional
High Voltage Battery Terminal		
Voltage	Efficiency	Power
400 / 800V architecture	>97% over charging profile	6.6 / 11 / 22 kW
Low Voltage Battery Terminal		
Voltage	Features	Power
12 / 48 VDC	Supports Li-ion	2.8 / 2 / 4 kW
Mechanical*		
Volume**	Weight**	Power Density***
6 L	6.5 kg	1.6 kW / L
40% smaller	40% lighter	20% cost savings
General Data		
Communications	Controls	Thermal
CAN2.0B, SAE J1772, PLC	CC / CP / CV	Full power up to 65°C coolant
*For 6.6 kW AXT800	**Compared to competing OBC and DC/DC	***Accounting for total power 6.6 + 2.8 kW

The AXT is the only *electrically integrated* On-Board Charger and DC/DC converter. Utilizing AmpX's patented controls, topology, and components, integration eliminates an entire converter, including bulky filters and magnetics, and expensive electronics devices. Controls are straightforward, and operation is simple, fast, efficient, and reliable.

For more information, including pricing, timing, and custom configurations, visit [www.ampxtech.com/contact](http://www.ampxtech.com/contact)