

Compressor Drives

Battery Air-Conditioning (BAC)

Aerospace technology for the entire transportation sector.

Designed and tested for aerospace applications, eCycle's state-of-the-art brushless DC compressor drives are available for transportation applications. Engineered to exact specifications for aircraft, eCycle's compressor drives deliver exceptional performance, efficiency and reliability in a rugged, lightweight package.

Nobody knows low voltage brushless compressor drives better than eCycle. As the industry leading manufacturer of high efficiency brushless motor/generators, eCycle is up to any challenge. Whether you are an OEM, installation shop or an individual seeking a better air-conditioning system, we have the expertise to deliver the best solution at a competitive price.



The technology behind eCycle's BAC is the three-phase SolidSlot brushless motor/generator. The SolidSlot utilizes solid bars of aluminum instead of traditional copper windings. This construction increases power density, delivers higher efficiency and decreases mass and cost.



eCycle's compressor drives are excelling in applications worldwide, including: trucking, rail, recreational vehicles, stationary and portable back-up systems, defense, off the grid power and marine. Field testing and demonstration programs are available on a first come, first serve basis.

■	Specifications	■	Features
	Motor		Non-parasitic - full battery operation
	Compressor		Low voltage operation: 12 or 24VDC
	Voltage		Lightweight, reliable
	Amps		Operates in stationary or mobile applications
	BTUs		Off-grid operation possible with solar panels or auxiliary power unit
	Efficiency		No fuel, maintenance, emissions
	Weight		Reduced operating costs
	Dimensions		
	Price		