

A UNIVERSAL SOLUTION FOR AN EVOLVING PROBLEM

- Scalable and modular chiller design
- Designed for heavy duty applications
- Compliant with Buy America requirements
- Dedicated thermal management lab for testing and validation
- Seamless integration with vehicle communication and diagnostics



*Products shown are renderings

INDUSTRIES

- **Off-highway:** mining, agriculture, construction, marine
- **On-highway:** trucks, emergency vehicles, delivery vehicles, construction equipment
- **Industrial:** power generation, material handling



THERMAL MANAGEMENT WHERE YOU NEED IT

The AKG Battery Thermal Management System is a new offering in an evolving product line of e-mobility solutions from AKG. AKG's BTMS can provide up to 8kW of cooling and up to 10kW of heating. Its remote-mount condenser gives you the option to integrate the assembly anywhere on your machine. With quality components and plug and play integration, the AKG BTMS is a great fit for your application.

SPECIFICATIONS

Cooling	Up to 8kW
Heating	Up to 10 kW
Ambient Temperature	Up to 50°C
Condenser	Remote Mounted
HVDC Input Range	450 - 850 VDC
LVDC Input Range	24 VDC
Coolant Medium	50% water / 50% ethylene glycol
Flow Rate Range	Up to 80 lpm @ 2 bar
Refrigerant Medium	R-1234yf or R-134a
Communication Protocol	CAN J1939
Operating Temperature Range	-20°C -+ 50°C

*Pending vibration testing



*Actual dimensions may vary





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