

DC Power Solutions is proud to offer the **DC Top-Cool roof mount air conditioners**. The most technologically advanced 12 and 24-volt dc powered air conditioners for vehicles.

DC TOP-COOL



FEATURES INCLUDE:

- Cools without engine idling
- Up to 12,000 BTU/h of cooling
- Initial rapid cool down to reach optimum temperature quickly
- Runs off starting or auxiliary battery 12 or 24 volt systems
- Quiet operation – sound dampening insulation
- Easily installed self-contained unit – AC technician not required
- Cycles on and off – adjusts to changes in temperature
- Temperature controls located inside the cab
- Equipped with a battery monitor and control which prevents discharging below voltage required to start engine
- Factory pre-charged, environmentally friendly, R134A coolant
- Refrigerant coolant level indicator
- Can be used in conjunction with fuel-fired heaters
- Extensively tested

OPTIONS:

- Metal housing for severe condition applications
- Data logging – monitor operating times

BENEFITS

Truck Sleeper Cabs, Service Vehicles & Recreational Vehicles	Off-Road, Construction & Transportation Equipment, Hybrid & Electric Vehicles	Emergency & Mobile Command Vehicles
<ul style="list-style-type: none"> • Compliance with anti-idling regulations • Overnight anywhere without shore power • No generator required • Reduced operating costs • Reduced fuel costs • Reduced engine wear • Extended maintenance intervals • Reduced downtime 	<ul style="list-style-type: none"> • Electric air conditioning for even low HP equipment • Cooling whether engine operating or not • Full cab rotation • No hydraulics • Complies with pending anti-idling regulation 	<ul style="list-style-type: none"> • Cool patient or operator compartment without idling • No generator required • Reduced operating costs • Reduced fuel costs • Reduced engine wear • Extended maintenance intervals • Reduced out-of-service time

SPECIFICATIONS

Model	Cooling Output:	Operating Mode:	Nominal Input:	Net Weight:
DC Top-Cool 12 Volt	6,000 BTU/h	Economy	40 amps* - 480 watts	126 lbs / 57 kg
DC Top-Cool 24 Volt	6,000 BTU/h	Economy	27 amps* - 648 watts	128 lbs / 58 kg
DC Top-Cool 12 Volt	11,000 BTU/h	High Rate	81 amps - 972 watts	126 lbs / 57 kg
DC Top-Cool 24 Volt	12,000 BTU/h	High Rate	54 amps - 1296 watts	128 lbs / 58 kg

Dimensions: Inches - 41.4 long x 10.4 high x 29.1 wide
Mm - 1050.9 long x 63.4 high x 740.0 wide

**All units are shipped in economy mode, and are easily field upgraded to high rate mode. To provide maximum initial cooling in economy mode, the DC Top-Cool start-up current draw (programmed for 1 to 10 minutes) is 54 amps @ 24 volt or 81 amps @ 12 volt. For example, depending on the ambient temperature and with the thermostat set at maximum cooling, the 24-volt unit will draw 54 amps for 1 to 10 minutes at start-up and then cycle on and off, drawing an average of only 27 amps.*

Test data can be provided for specific applications upon request.