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Product Features:

Fully DC powered. The revolutionary A/C system is powered by 12 volts or 24 volts starting or auxiliary battery, without running the vehicle's engine. Non-fuel consumption, no idling, zero emission, non-pollution, this makes it very economical comparing to the traditional products.

High efficiency. The Hermetic integrated electric brushless motor (BLDC) rotary compressor is high efficient, low power consuming, low noise and powerful in cooling capacity.

High reliability. Compressor has a soft starting, no excessive start-up current. Multiple self-protection functions, like pressure alarm protection, over/under voltage protection, compressor motor's over-heat protection, compressor failure checking, these ensure the system of high reliability and high security.

Battery power monitor. Never worry about excessive battery drain. The controlling system comes standard with over/under voltage cut out switch, to prevent discharging the battery below its required voltage to start the vehicle engine.

Low noise. No more than 65 dBA. This makes sure the driver can have a good sleep when the truck stops.

Engine no idling, no wearing, no vibration. This make a big saving on maintenance costs in the following years.

Easy installation. Any qualified mechanic can install the DC Air conditioner. The units are fully self-contained - just connect the wires to a full battery and they start cooling!

Easy operation. Manual operating allied with remote control, operation is as easy as a household air conditioner.

Wide-range application. The DC powered unit is designed to run on the normal starter batteries, it can be applied to various trucks, US made truck cabs, truck sleeper cabs, engineering machinery cabs, mini bus, Vans, motor homes/RV's, electric vehicles, other special vehicles and etc.

A data from our years' experience, on average, one truck can reduce 2000 idling hours and less consume 1600 gallons of fuel per year if use the DC electric powered A/C system.

Main specification:

Cooling Capacity: 2.5KW / 8600Btu/h
Input Voltage: DC24V/12V
Current: < 25A/24V, <45A/12V
Compressor Type: Hermetic integrated electric brushless scroll type
Compressor discharge: 15cc/r
Refrigerant: R134a/0.8kgs
Condensing airflow: 1700 m3/h
Evaporating airflow: 650 m3/h
Condenser dimension: 488*700*188mm
Evaporator dimension: 720*310*105mm
Weight: Outdoor unit: 34kgs, Indoor unit: 8.3kgs