

 DC Power Solutions introduces the **DC Comm-Cool** Wallmount DC Powered Air Conditioners 10,000 to 16,000 BTU/h.
 

## DC COMM-COOL

To meet the demand for increased cooling capacity of DC powered air conditioners, DC Power Solutions is proud to introduce the **DC Comm-Cool** high efficiency wallmount series.

*These technically advanced, powerful and energy efficient units are designed to generate maximum cooling while minimizing battery consumption. Ideal for cooling telecommunications and other temperature-sensitive equipment.*



### FEATURES INCLUDE:

- 10,000 BTU, 12,000 BTU, and 16,000 BTU models
- Available in 24 and 48 VDC versions
- Completely self-contained, fully factory assembled
- Aluminum finned copper coils
- Quiet high performance twin fans
  - 75,000 hrs continuous duty at 40C
  - Dust and water-resistant with grill guards
- High efficiency hermetically sealed compressor
- Battery monitor/adjustable low voltage cut-off switch
- Vibration dampers
- High efficiency COP
- R134A refrigerant
  - Meets ozone protection requirements
  - Refrigerant charge 3.25 lbs
- Very quiet
  - 55.5 db
  - Even lower available on request
- Galvanized powder-coated cabinet (ASA61 gray)
- Access valves for easy service and maintenance
- Easy installation
  - Mounting flange
  - Exterior terminal connections
- Easy maintenance
  - Filters not required for most applications
  - Six-month cleaning intervals
- Manufactured in North America in an ISO 9001 facility

# SPECIFICATIONS

## INPUT POWER CONSUMPTION

MODEL	RATING	POWER CONSUMPTION
• <b>DC Comm Cool-W10</b>	• 10,000 BTU/h	• 675 watts (28 amps 24 VDC/ 14 amps 48 VDC)
• <b>DC Comm Cool-W12</b>	• 12,000 BTU/h	• 810 watts (30 amps 24 VDC/ 15 amps 48 VDC)
• <b>DC Comm Cool-W16</b>	• 16,000 BTU/h	• 860 watts (36 amps 24 VDC/ 18 amps 48 VDC)

## OPERATING RANGE

- 24 VDC models ▶ Range 21-28 VDC
- 48 VDC models ▶ Range 42-56 VDC



- Lower input power units, with a reduced BTU output, can be customized for specific applications
- Upgrade packages available to retrofit installed units for higher cooling capacity

## COOLING DATA-OUTDOOR TEMPERATURE

Model	Nominal Capacity	70F/21C	95F/35C	120F/49C
<b>DC Comm Cool-W10</b>	10,000 BTU/h	11,500 BTU/h	10,000 BTU/h	8,900 BTU/h
<b>DC Comm Cool-W12</b>	12,000 BTU/h	13,200 BTU/h	12,000 BTU/h	10,320 BTU/h
<b>DC Comm Cool-W16</b>	16,000 BTU/h	17,600 BTU/h	16,000 BTU/h	14,250 BTU/h

<b>Fan Airflow</b>	423 to 430 cfm
<b>Dimensions</b>	Inches – 27.5W x 13.0D x 40.0H Mm – 700W x 330D x 1000H
<b>Weight</b>	176 lbs/79.83 kgs