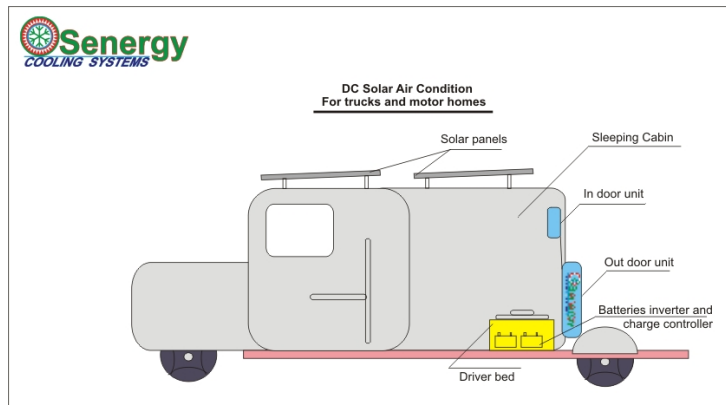




DC Solar Trucks Air Conditioner WWW.GJSOLAR.COM



Freedom Features Include:

- **Diamond Plated Housing (Optional)**
- **Run off of Solar or Batteries**
- **Heats and Cools With or Without engine running**
- **Quietest unit in the World**
- **Can run on any DC Power Source (no generator required)**
- **Charge Control (Optional)**
- **100% Clean and Green Renewable Energy**
- **Cuts back on fuel emissions**
- **Saves you money!**

100% Customizable Look

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How much Green can we save you!

Example of Savings

If you drive 10,000 miles a month @ est. 5 miles per gallon = You get 2000 gallons of diesel used

Estimated Calculations

If you drive 10,000 miles a month @ est. 6 miles per gallon = You get 1667 gallons of diesel used

Estimated Savings

Running our unit with solar will potentially give you that extra mile, which will save you (2000 - 1667 =) 333 gallons of diesel used per truck, saved per month at a rate of \$3.00 a gallon for diesel (\$3.00 x 333)would potentially save you \$999.00 per month and 11,988.00 per year.

(Since diesel prices fluctuates from \$3.00 to \$5.00 This amount of savings could **DOUBLE**)

Just think if you never had to use an APU Again! That would save you an extra 2 gallons of diesel alone per night. You do the math see how much it would save you!

Estimated Examples Per Truck:

2 gallons for 4 nights at \$3.00 a gallon = \$24.00 a week \$96.00 month \$1152.00 a year

2 gallons for 7 nights at \$3.00 a gallon = \$42.00 a week \$168.00 month \$2016.00 a year

Potentially you could save @ 4 nights \$1095.00 a month \$13,140.00 a year!

This example is based on a 4 night average a week with a 4 week average per month...and used with our Freedom System and Paddock Solar!

Now imagine if you had a fleet of 100 trucks!!! \$13,140.00 x 100= \$1,314,000.00 A Year

Think of how much of an impact you can make with our ECO-FRIENDLY Technology.

Reduce your Carbon Footprint For Life Starting Today



www.gisolar.com – www.solcool.net

Technical Specification for Senergy DC solar air conditioner, 9K BTU Freedom HVAC

ITEM NO. Model #	FTKD25DVMA –(9K-BTU) SMSP-9K-DC
Electric shock protecting	1 category
Waterproof Class	IPX4
Power supply	24/48 VDC
Cooling Capacity(W) (min-max)	2,500(1,310-3,000)
Cooling Capacity (BTU)	8,500(4,400-10,200)
Controller power (MAX)	230/400w
Input power(W) Average	300
Heating Capacity(W)	500(130-1200)
Heating capacity (BTU)	11,600(4,400-13,650)
Front panel color	Whit
Charge Controller	12/24- 20/40 amp
Charger watt capacity	750/1500
Charger	100-230AC Input 24/48DC Out put
Inverter/Adapter Out put	300VDC-3000Watt & 220VAC-500W-50Hz
DC Amp average (24Vdc) (1/2 of on 48)	20
DC amp (Min – Max)	10-30
cycle air capacity(cooling/heating)(CFM)	332
Liquid charge (Refrigerant) – 410a (g)	900 (0.9Kg)
Design Pressure (High)	
Design Pressure (Low)	
indoor Noise(cooling/heating)(db(A))	37/25
Outdoor Noise(cooling/heating)(db-A)	47/43
Maximum pipe length m	20
Maximum height difference m	15
Indoor unit N.G(kg)	10
Outdoor unit N.G(kg)	33
Indoor unit Dimensions(mm) H/W/D	398*780*228
Outdoor unit Dimensions(mm)	550*800*285
Indoor unit Package Dimensions(mm)	445*873*320
Outdoor unit Package Dimensions(mm)	615*977*358
Solar Panels Watt Min (Optimum-Max)	400 (500-650)
Batteries 100Ah 12V Min (Average-Max)	2(4-6)
COP Average	Up to 5.5