

RV Air Conditioner

Solar RV Air Conditioner, also Called Parking Air Conditioning (Parking Cooler, Truck Sleeper) Was Designed for Customer Who Want to use An Electric Compressor Driven By Solar DC Or Battery Power When The Engine Is Turned Off Or Without AC Grid Power.

Product Features

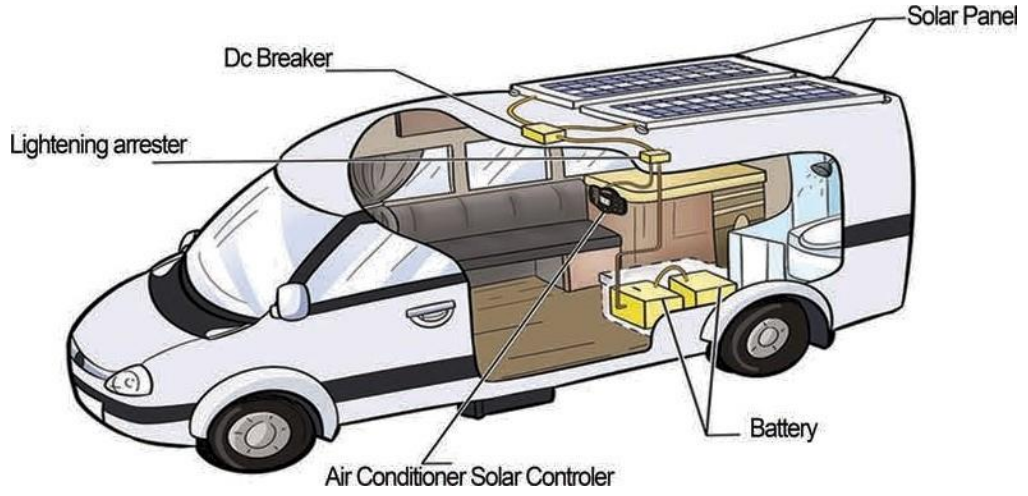
1. Direct battery supply, no inverter required.
2. Smart Power management system, battery life more longer, use more safer.
3. Intelligent Charging: can connect solar panels, on-board engine battery freely.
4. Excellent performance of Cooling & Heating function, reach comfortable temperature quickly.
5. Ultra-low mute, operating with low noise.
6. Compact and nice appearance, easy to install.



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Full DC Variable Frequency Technology—Energy Saving+Comfortable



Full DC Components: DC ODU Motor, DC Frequency compressor, DC Brush-less fan motor, DC four-drive electromagnetic valve, DC electronic expansion valve, DC Step Motor



DC Frequency Controller

- Design of air conditioning controller for car - in - car RV.
- 180-degree sinusoidal compressor drive, more efficient operation.
- Intelligent torque control makes long time low frequency operation more stable.
- Efficient power conversion, longer battery life.
- Electronic expansion valve control operation, the system real-time efficient operation.
- Comprehensive and reliable protection function, more secure.
- More wide working temperature range: - 30 - + 60 °C, adapt to different temperature areas.



Model	Power Input	Low Voltage protection	Cooling working condition			Heating working condition			Impact Resistant	Refrigerant	Dimensions		Diameter of mounting hole
			Cooling Capacity	Power Input	Rated Current	Heating Capacity	Power rate	Rated Current			Indoor unit	Outdoor unit	
			W	W	A	W	W	A			mm	mm	
RG90DC/AB	DC48V±10%	DC42V	2600	925	19.5	2600	980	20.5	1.5	R410A	950*750*320	515*520*80	362*362
RG110DC/AB	DC48V±10%	DC42V	3300	1300	27	3300	1380	28.8	1.5	R410A	1000*730*265	535*585*80	362*362
RG120DC/AB	DC48V±10%	DC42V	3500	1300	27	3500	1380	27	1.5	R410A	890*760*335	535*585*80	362*362
RG150DC/AB	DC48V±10%	DC42V	4400	1580	33	3500	1650	33	1.5	R410A	890*760*335	535*585*80	362*362



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			Cooling Capacity	Power Input	Rated Current	Heating Capacity	Power rate	Rated Current			Indoor unit	Outdoor unit	
			W	W	A	W	W	A			mm	mm	
RG120DC/AC	DC48V±10%	DC42V	3500	1300	27	3500	1380	27	1.5	R410A	890*760*335	535*585*80	362*362