

Aeolus Range of Mobile Air-Conditioners

H3400 – 48V Variable Speed



Introduction:

The Aeolus H3400 is 48VDC rooftop variable speed air conditioner. The compressor, indoor fan and outdoor fan are all high efficiency DC motors. The Aeolus H3400 makes off grid camping a reality. Using 48V DC direct from your batteries potentially eliminates a large Dc to AC inverter allowing a lower cost and higher efficiency power system.

Features:

1. High efficiency DC motors extends precious battery capacity. Excellent refrigeration performance gives you more cooling for less power. Stay off grid longer.
2. Double rotor, variable speed compressor with low start current, low vibration and almost no start/stop noise. True Soft-start performance.
3. Innovative, high efficiency and low noise air duct system ensures better performance on air flow and noise level.
4. Advance micro controller takes care of compressor and ensures temperature accuracy at $\pm 0.5^{\circ}\text{C}$.
5. The 4-way outlet from the interior unit allows air flow to be directed throughout the living spaces.
6. Excellent reverse cycle performance allows the unit to operate in temperature as low as -5°C and as high as $+50^{\circ}\text{C}$.



Specification:

Power supply	48 (45-60) VDC	Max. input power / current	1900W / 40A
Cooling capacity	3200 (1700-3400) W	Max. Cooling Capacity in BTU	11600 BTU
Power input cooling	1500 (660-1700) W	Power input heating	1300 (540-1500) W
Heating capacity	2800 (1300-31000) W	Wight of Indoor Unit	3.4 kg
Current heating	27 (11-31.5) A	Wight of Outdoor Unit	40 kg
Current cooling	31.2 (13.8-35) A	Outdoor unit dimension H x W x L (mm)	223 x 850 x 1122
Installation opening (mm)	360 x 360 (Optional adapter required 400 x 400)	Plenum unit dimension H x W x L (mm)	49 x 556 x 575