



# Aelous Range of Mobile Air-Conditioners H3400

## Introduction:

The Aeolus H3400 is 48VDC rooftop variable speed air conditioners. The compressor, indoor fan and outdoor fan are all high efficiency DC motors. The Aeolus H3400 make 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. Advanced 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 allow air flow to be directed throughout the living space.
6. Excellent reverse cycle performance allows the unit to operate in temperatures as low as  $-5^{\circ}\text{C}$  and up to  $+50^{\circ}\text{C}$ .

## Specification:

Power supply	48 (45-60) VDC	Maximum input power	1900W
Cooling capacity	3200 (1700-3400) W	Maximum current	40 A
Power input cooling	1500 (660-1700) W	Weight of Outdoor unit	40 kg
Heating capacity	2800 (1300-3100) W	Weight of Plenum	3.4 kg
Current cooling	31.2 (13.8-35) A	Power input heating	1300 (540-1500) W
Current heating	27 (11-31.5) 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 Dimensions H x W x L (mm)	49 x 575 x 556