



Aeolus Range of Mobile Air-Conditioners

Introduction:

The Aeolus H2800 and H3400 are 48VDC rooftop variable speed air conditioners. The compressor, indoor fan and outdoor fan are all high efficiency DC motors. The Aeolus H2800 and 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°C and up to $+50^{\circ}\text{C}$.

Specification (Aeolus H2800):

Power supply	48 (45 – 60) VDC	Maximum input power	1450 W
Cooling capacity	2600 (1700–2800) W	Maximum current	30.3 A
Power input cooling	1200 (790–1260) W	Weight of outdoor unit	31.5 kg
Current cooling	24.8 (16.5–26.2) A	Weight of plenum	3.4 kg
Heating capacity	2400 (1600–2500) W	Installation opening (mm)	360 × 360. Optional adapter required for 400 x400
Power input heating	1050 (660–1120) W	Outdoor unit dimension (mm)	855L x 657W x 215H
Current heating	21.8 (13.8–23.3) A	Plenum dimension (mm)	575L x 556W × 49H

Specification (Aeolus H3400):

Power supply	48 (45 – 60) VDC	Maximum input power	1900 W
Cooling capacity	3200 (1700–3400) W	Maximum current	40 A
Power input cooling	1500 (660–1700) W	Weight of outdoor unit	40 kg
Current cooling	31.2 (13.8–35) A	Weight of plenum	3.4 kg
Heating capacity	2800 (1300–3100) W	Installation opening (mm)	360 × 360. Optional adapter required for 400 × 400
Power input heating	1300 (540–1500) W	Outdoor unit dimension (mm)	1122L x 850W x 223H
Current heating	27 (11–31.5) A	Plenum dimension (mm)	575L x 556W × 49H