



### A-500

**When your cargo deserves the best of the best**

- Electronically governed NRMM compliant 4-speed engine
- Fuel consumption monitoring
- Most accurate temperature control in the market
- Fastest pull-down
- Fully variable airflow independent of unit engine speed
- Quietest high-capacity unit in the Market

Dimensions	Unit
Height	2270 mm
Width	2076 mm
Depth	440 mm

## Specifications

### Refrigeration Capacity

**System net cooling capacity under A.T.P. conditions at 30 °C ambient**

Capacity on engine power 0°C	19500 W
Capacity on engine power -20°C	10400 W
Capacity on electrical stand by 0°C	14600 W
Capacity on electrical stand by -20°C	8400 W

### Heating Capacity: Box Temperature +2°C

Capacity on engine power (Outside air temperature: -20°C)	15900 W
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### Airflow: independent from unit engine speed

Airflow volume @ 0 Pa static pressure - Default @ Pull Down	5500 m <sup>3</sup> /hr
Airflow volume @ 0 Pa static pressure - Max @ Pull Down	6000 m <sup>3</sup> /hr
Airflow volume @ 0 Pa static pressure - Default @ Set Point	3400 m <sup>3</sup> /hr
Airflow volume @ 0 Pa static pressure - Max @ Set Point	5500 m <sup>3</sup> /hr

### Weight

**including battery**

Model Standard	830 kg
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### Engine

Maintenance Interval	3000 hrs
Number of cylinders	4
Capacity	2,1 L L

### Electrical Stand by Motor

Voltage / Phase / Frequency	400/3/50
	460/3/60
Rating	9.3 kW

### Sound Pressure Level

High Speed Diesel	67 dB(A)
Electric Standby	64 dB(A)

## Features and Options

### Life cost management

Fuel consumption monitoring	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Fuel filtration and priming system	<input type="checkbox"/>
Premium AGM battery	<input checked="" type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
EMI 3000: Extended maintenance interval	<input checked="" type="checkbox"/>

### Data capture & communications

TrackiNG - 2 Years Contract	<input checked="" type="checkbox"/>
Trailer Assist EBS Harness	<input type="checkbox"/>
ServiceLog maintenance logger	<input checked="" type="checkbox"/>
ComplianceLog data logger	<input checked="" type="checkbox"/>
TouchLog independent data logger	<input type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
USB data port	<input checked="" type="checkbox"/>

### Load Protection

Adjustable airflow	<input checked="" type="checkbox"/>
Air Straightener (from Q4 2020)	<input type="checkbox"/>
Air Chute (from Q4 2020)	<input type="checkbox"/>
Discharge Air Control Freeze protection	<input checked="" type="checkbox"/>
OptiSet Plus pre-set operating parameters (from Q4 2020)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/Electric Auto Switching + Auto Phase Correction	<input checked="" type="checkbox"/>

### Customization

Whisper quiet operation	<input checked="" type="checkbox"/>
Solar Panel	<input type="checkbox"/>
Tail lift battery charger (from Q4 2020)	<input type="checkbox"/>
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/>
Secured 3rd Party accessories power connection (from Q4 2020)	<input checked="" type="checkbox"/>

### Ease of Use

Proactive alarm notifications	<input checked="" type="checkbox"/>
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/>

- Not Available     Standard Feature  
 Option: Factory Supplied     Option: Dealer Supplied