



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 pulldown
- Fully variable airflow independent of unit engine speed
- $\boldsymbol{\cdot}$ Quietest high-capacity unit in the Market

Dimensions	Unit
Height	2270 mm
Width	2076 mm
Depth	440 mm

Specifications

Capacity on engine power 0°C Capacity on engine power -20°C Capacity on electrical stand by 0°C Capacity on electrical stand by 0°C Capacity on electrical stand by -20°C Heating Capacity: Box Temperature +2°C Capacity on engine power (Outside air temperature: -20°C) Airflow: independent from unit engine speed Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Weight including battery Model Standard 830 k Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency Rating Sound Pressure Level High Speed Diesel 67 dB(A	Refrigeration Capacity	
Capacity on engine power -20°C Capacity on electrical stand by 0°C Capacity on electrical stand by 0°C Capacity on electrical stand by -20°C Heating Capacity: Box Temperature +2°C Capacity on engine power (Outside air temperature: -20°C) Airflow: independent from unit engine speed Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Weight including battery Model Standard 830 k Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency Rating Sound Pressure Level High Speed Diesel 67 dB(A	System net cooling capacity under A.T.P. conditions at ambient	30 °C
Capacity on electrical stand by 0°C Capacity on electrical stand by -20°C Reating Capacity: Box Temperature +2°C Capacity on engine power (Outside air temperature: -20°C) Airflow: independent from unit engine speed Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Soom m3/F Weight including battery Model Standard 830 k Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency Rating Sound Pressure Level High Speed Diesel 67 dB(A	Capacity on engine power 0°C	19500 W
Capacity on electrical stand by -20°C Heating Capacity: Box Temperature +2°C Capacity on engine power (Outside air temperature: -20°C) Airflow: independent from unit engine speed Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Meight including battery Model Standard Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency Rating Sound Pressure Level High Speed Diesel 67 dB(A	Capacity on engine power -20°C	10400 W
Heating Capacity: Box Temperature +2°C Capacity on engine power (Outside air temperature: -20°C) Airflow: independent from unit engine speed Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Weight including battery Model Standard Engine Maintenance Interval Number of cylinders Capacity Electrical Stand by Motor Voltage / Phase / Frequency Rating Sound Pressure Level High Speed Diesel 67 dB(A	Capacity on electrical stand by 0°C	14600 W
Capacity on engine power (Outside air temperature: -20°C) Airflow: independent from unit engine speed Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Weight including battery Model Standard 830 k Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Capacity on electrical stand by -20°C	8400 W
Airflow: independent from unit engine speed Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Weight including battery Model Standard 830 k Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Heating Capacity: Box Temperature +2°C	
Airflow volume @ 0 Pa static pressure - Default @ Pull Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Stoom ma/h Weight including battery Model Standard 830 k Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency A60/3/6 Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Capacity on engine power (Outside air temperature: -20°C)	15900 W
Down Airflow volume @ 0 Pa static pressure - Max @ Pull Down Airflow volume @ 0 Pa static pressure - Default @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Airflow volume @ 0 Pa static pressure - Max @ Set Point Weight including battery Model Standard 830 k Engine Maintenance Interval Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency Ad0/3/5 Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Airflow: independent from unit engine speed	
Airflow volume @ 0 Pa static pressure - Default @ Set Point 3400 m3/h Airflow volume @ 0 Pa static pressure - Max @ Set Point 5500 m3/h Weight including battery Model Standard 830 k Engine Maintenance Interval 3000 hr Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Airflow volume @ 0 Pa static pressure - Default @ Pull Down	5500 m3/hi
Airflow volume @ 0 Pa static pressure - Max @ Set Point 5500 m3/h Weight including battery Model Standard 830 k Engine Maintenance Interval 3000 hr Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Airflow volume @ 0 Pa static pressure - Max @ Pull Down	6000 m3/h
Weight including battery Model Standard 830 k Engine Maintenance Interval 3000 hr Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Airflow volume @ 0 Pa static pressure - Default @ Set Point	3400 m3/h
including battery Model Standard 830 k Engine Maintenance Interval 3000 hr Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kv Sound Pressure Level High Speed Diesel 67 dB(A	Airflow volume @ 0 Pa static pressure - Max @ Set Point	5500 m3/hr
Model Standard 830 k Engine Maintenance Interval 3000 hr Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Weight	
Engine Maintenance Interval 3000 hr Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	including battery	
Maintenance Interval 3000 hr Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Model Standard	830 kg
Number of cylinders Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Engine	
Capacity 2,1 L Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Maintenance Interval	3000 hrs
Electrical Stand by Motor Voltage / Phase / Frequency 400/3/5 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Number of cylinders	4
Voltage / Phase / Frequency 400/3/5 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Capacity	2,1 L l
Voltage / Phase / Frequency 460/3/6 Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Electrical Stand by Motor	
Rating 9.3 kV Sound Pressure Level High Speed Diesel 67 dB(A	Voltage / Phase / Frequency	400/3/50
Sound Pressure Level High Speed Diesel 67 dB(A	Rating	
High Speed Diesel 67 dB(A	•	5.5 KW
3 1	Sound Pressure Level	67 10(4)
	3 ,	67 dB(A 64 dB(A

Feat	ures and Options
11	fe cost management
Fuel consumption monitoring	e cost munagement
Fuel level sensor	
Fuel filtration and priming system	
Premium AGM battery	
2-year warranty coverage	
EMI 3000: Extended maintenance interval	
LIVII 3000. Exterided maintenance interval	
Data captur	e & communications
TracKing - 2 Years Contract	•
Trailer Assist EBS Harness	
ServiceLog maintenance logger	
ComplianceLog data logger	
TouchLog independent data logger	
Wintrac (data analysis software)	
USB data port	
O3B data port	
	Load Protection
Adjustable airflow	
Air Straightener (from Q4 2020)	
Air Chute (from Q4 2020)	
Discharge Air Control Freeze protection	
OptiSet Plus pre-set operating parameters	
(from Q4 2020)	
Door switches	
Diesel/Electric Auto Switching + Auto Phase	
Correction	
	Customization
Whisper quiet operation	
Solar Panel	
Tail lift battery charger (from Q4 2020)	
Fuel Tank (Plastic 230L or Aluminium 190L)	
Secured 3rd Party accessories power	
connection (from Q4 2020)	
	E CH
December along a 100 10	Ease of Use
Proactive alarm notifications	
Triple Combo Display (Fuel, Alarms,	
Temperature indications)	
O Not Available	Standard Feature
	Option: Dealer
Option: Factory Supplied	Supplied
	Jupplied