



EBOSS[®] 400-220 -HYBRID SYSTEM-

210/400 PRIME/PEAK
kVA POWER

20X
UP TO 20X THE
CYCLE LIFE OF
NMC/LFP BATTERIES

**SAFE BATTERY
TECHNOLOGY
NO THERMAL RUNAWAY**

**WIDEST
TEMPERATURE
OPERATING RANGE**

**480V
3Φ
OUTPUT**

**REMOTE ACCESS
MONITORING &
TRACKING**

**INDUSTRIAL
GRADE
INVERTERS**



**125 kWh
ULTRA
HIGH CYCLE
LITHIUM
TITANIUM
OXIDE (LTO)
BATTERY CHEMISTRY**



JOHN DEERE-6068
Tier 4 / CARB
Diesel Engine

PERFORMANCE //

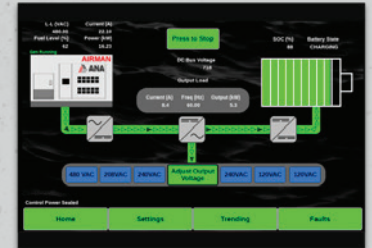
- 1 - 10" Touchscreen Control Panel
- 2 - 480V 3-Phase Output Panel
- 3 - Emergency Stop Button
- 4 - Delta Demand Excitation™
- 5 - QuietTech™ Sound Attenuation
- 6 - Telematics Monitoring System

MAINTENANCE //

- 7 - Lift-off Door Hinges
- 8 - Ext. Fuel Tank Connections
- 9 - 110% Fluid Containment
- 10 - Service Extensions
- 11 - Fuel & Containment Drains
- 12 - Removable Trailer Fenders

CONSTRUCTION //

- 13 - Power-coated Steel Enclosure
- 14 - Stainless Steel Hardware
- 15 - Lockable Access Doors
- 16 - Automotive Door Seals
- 17 - 285 Gallon Fuel Tank
- 18 - Heavy-Duty Steel Trailer



1 | 10" Touchscreen Control Panel with color display



2 | 480V 3-Phase Output Panel
120V - Courtesy Outlets | 480V 3Φ Cam-Loks™



6 | Telematics Monitoring System
Remote access and monitoring of fuel, runtime, GPS, load and more



8 | External Fuel Tank Connections with 3-Way Selection Valve

IMPROVE FUEL ECONOMY // LOWER CARBON EMISSIONS // REDUCE NOISE LEVELS
THE INDUSTRY'S HIGHEST-QUALITY HYBRID POWER SYSTEMS

HYBRID SYSTEM MODEL

EBOSS® 400-220

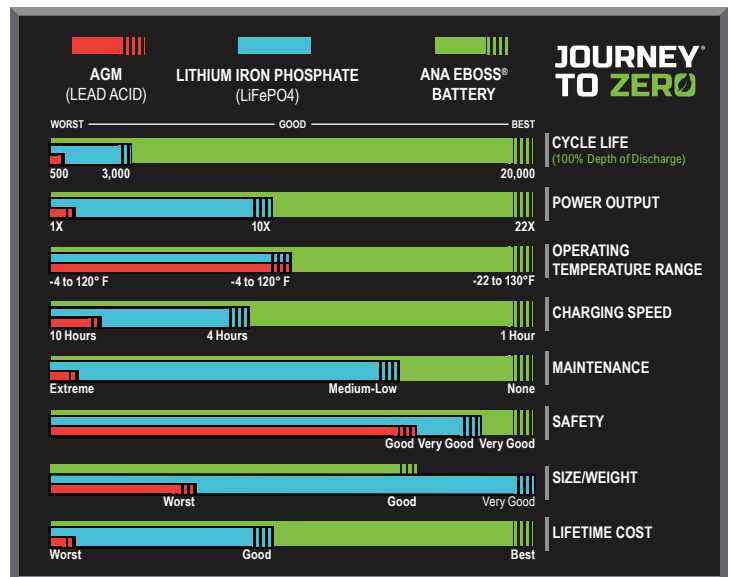


SPECIFICATIONS	EBOSS® 400-220
HYBRID ENERGY SYSTEM	ANA EBOSS®
MAXIMUM INTERMITTENT POWER OUTPUT	(Battery SOC Greater than 5%)
THREE-PHASE	400 kVA / 320 kW
SINGLE-PHASE	N/A
FREQUENCY	60 Hz
VOLTAGE	120V (Courtesy Outlets) • 480 (3Φ)
VOLTAGE REGULATION	Adjustable
MAX. INTERMITTENT AMP-LOAD @480V	481 A
MOTOR START RATING - 3 SECOND @480V	769 A
MAXIMUM CONTINUOUS POWER OUTPUT	(Battery SOC greater than 0%)
GENERATOR	Airman SDG220
GENERATOR CHARGE RATE	220 kVA / 176 kW
THREE-PHASE OUTPUT	210 kVA / 168 kW
SINGLE-PHASE OUTPUT	2.4 kW x 2
VOLTAGE	120V (Courtesy Outlets) • 480 (3Φ)
OPTIMAL CONTINUOUS LOAD	< 125 kW
MAX. CONTINUOUS AMP-LOAD @480V	264 A
CONTROLS	
CONTROL PANEL	10" Full Color Touch Screen
TELEMATICS	Generator & EBOSS®
ESG REPORTING	Yes
TECHNOLOGY	
BATTERY CHEMISTRY	Lithium Titanium Oxide (LTO)
BATTERY CAPACITY	125 kWh
TOTAL BATTERY LIFE OR ENERGY THROUGHOUT	10,000 MWh
CHARGE TIME (NO LOAD)	≈ 45 min
INVERTER OUTPUT MAX	320 kW
BATTERY LIFE*	
BATTERY TYPE	Lithium Titanium Oxide (LTO)
EST. CYCLE LIFE @ 77°F ENCLOSURE TEMPERATURES	90K Cycles at 90% DOD
EST. CYCLE LIFE @ 100°F ENCLOSURE TEMPERATURES	80K Cycles at 90% DOD
BATTERY LIFE (100°F @ 3 kW AVERAGE LOAD)	20 Years
OPERATING TEMPERATURES	
INVERTER COLD START TEMPERATURE (MINIMUM)	14°F
RUNNING OPERATING TEMPERATURE	-22°F to 130°F
ARCTIC PACKAGE OPERATING TEMP. (OPTIONAL)	-50°F to 130°F
FEATURES & OPTIONS	
TRAILER MOUNT	Available
SKID MOUNT	Available
PARALLEL CAPABILITY	Standard
COLD WEATHER/ARCTIC PACKAGES	Available

*Battery expected to retain 95% of its life after 7 years under 24/7 operation at 10% average load.

WEIGHTS & DIMENSIONS	
L x W x H (EBOSS® ONLY)	91" x 62" x 111"
EBOSS® WEIGHT ONLY	11,036 lbs
L x W x H (TRAILER AND GENERATOR)	317" x 85" x 119"
TOTAL WEIGHT (WITHOUT/WITH FUEL)	21,600 lbs / 23,800 lbs
INTEGRAL FUEL TANK CAPACITY	285 gal
GENERATOR COLD WEATHER OPTIONS	
BLOCK HEATER CCV HEATER	Available
FUEL FILTER HEATER FUEL TANK HEATER	Available
BATTERY BLANKET	Available
EBOSS® COLD WEATHER OPTIONS	
ENCLOSURE HEATER	Available
WARRANTY	
EBOSS® ONLY	2 Years
EBOSS® WITH TRAILER & GENERATOR	2 Years, 2000 Hours
MANUFACTURER BATTERY WARRANTY	7 Years
SERVICE & SUPPORT	24/7, 365 Days
TRAINING	Henderson, NV or On Location

HOW THE ANA EBOSS® BATTERY COMPARES



All specifications are subject to change without prior notice. Contact ANA Inc. for the most current information.

ANA EBOSS® HYBRID ENERGY SYSTEMS BENEFITS

- Increased Fuel Efficiency
- Reduced Green House Gas Emissions
- Cost Effective High ROI
- Minimize Noise / Maximize Quiet Time
- Eliminate Maintenance Needs and Operational Hours by up to 75%
- Remote Access and Monitoring

SOLD AND SERVICED BY

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ANA
We make your world easier.