



**EBOSS™**  
**220kVA**  
 -HYBRID SYSTEM-  
**120/220 kVA PRIME/PEAK POWER**

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

**SAFE BATTERY  
 TECHNOLOGY**  
 NO THERMAL RUNAWAY

**WIDEST  
 TEMPERATURE  
 OPERATING RANGE**

**1Φ AND 3Φ**  
 SIMULTANEOUS  
 OUTPUT  
 VOLTAGES

**REMOTE ACCESS  
 MONITORING &  
 TRACKING**

**INDUSTRIAL  
 GRADE  
 INVERTERS**



**75 kWh  
 ULTRA  
 HIGH CYCLE  
 LITHIUM  
 TITANATE  
 OXIDE (LTO)  
 BATTERY CHEMISTRY**

**PERFORMANCE //**

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

**MAINTENANCE //**

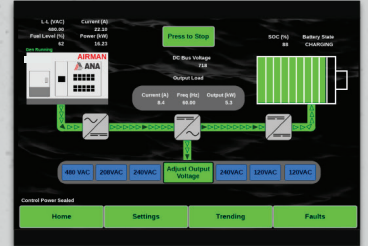
- 7 - Lift-off Door Hinges
- 8 - Ext. Fuel Tank Connections
- 9 - 110% Fluid Containment
- 10 - Service Extensions
- 11 - Fuel & Containment Drains
- 12 - Removable Trailer Fenders

**CONSTRUCTION //**

- 13 - Power-coated Steel Enclosure
- 14 - Stainless Steel Hardware
- 15 - Lockable Access Doors
- 16 - Automotive Door Seals
- 17 - 168 Gallon Fuel Tank
- 18 - Heavy-Duty Steel Trailer



**ISUZU® BR-4HK1X**  
 Tier 4 / CARB  
 Diesel Engine



1 | 10" Touchscreen Control Panel with color display



2 | Simultaneous Voltage Output Panel  
 120V - 20A x 2 | 480/208V 3Φ Cam-Locks™



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

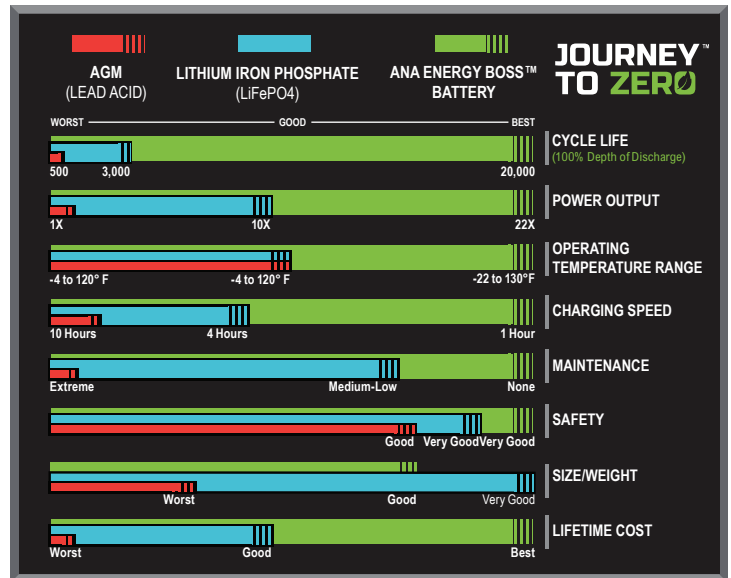
## EBOSS™ 220 kVA



SPECIFICATIONS	EBOSS™ 220-75
HYBRID ENERGY SYSTEM	ANA Energy Boss™
<b>MAXIMUM INTERMITTENT POWER OUTPUT</b>	(Battery SOC Greater than 5%)
THREE-PHASE	220 kVA / 176 kW
SINGLE-PHASE	N/A / N/A
FREQUENCY	60 Hz
SIMULTANEOUS VOLTAGE	120V (1Φ) • 208/480 (3Φ)
VOLTAGE REGULATION	Adjustable
MAX. INTERMITTENT AMP-LOAD @208V	700 A
MAX. INTERMITTENT AMP-LOAD @480V	303 A
MOTOR START RATING - 3 SECOND @208V	1065 A
MOTOR START RATING - 3 SECOND @480V	461 A
<b>MAXIMUM CONTINUOUS POWER OUTPUT</b>	(Battery SOC greater than 0%)
GENERATOR	Airman SDG125
GENERATOR CHARGE RATE	125 kVA / 100 kW
THREE-PHASE OUTPUT	120 kVA / 96 kW
SINGLE-PHASE OUTPUT	2.4 kW x 2
SIMULTANEOUS VOLTAGE	120V (1Φ) • 208/480 (3Φ)
OPTIMAL CONTINUOUS LOAD	< 75 kW
MAX. CONTINUOUS AMP-LOAD @208V	328 A
MAX. CONTINUOUS AMP-LOAD @480V	150 A
<b>CONTROLS</b>	
CONTROL PANEL	10" Full Color Touch Screen
TELEMATICS	Generator & Energy Boss™
ESG REPORTING	Yes
<b>TECHNOLOGY</b>	
BATTERY CHEMISTRY	Lithium Titanate Oxide (LTO)
BATTERY CAPACITY	75 kWh
TOTAL BATTERY LIFE OR ENERGY THROUGHOUT	6,000 MWh
CHARGE TIME (NO LOAD)	≈ 50 min
INVERTER OUTPUT MAX	176 kW
<b>BATTERY LIFE*</b>	
BATTERY TYPE	Lithium Titanate 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
<b>OPERATING TEMPERATURES</b>	
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
<b>FEATURES &amp; OPTIONS</b>	
TRAILER MOUNT	Available
SKID MOUNT	Available
PARALLEL CAPABILITY	Available
COLD WEATHER/ARCTIC PACKAGES	Available

WEIGHTS & DIMENSIONS	
L x W x H x (EBOSS ONLY)	≈73.5" x 61" x 104.5"
EBOSS WEIGHT ONLY	11,200 lbs
L x W x H (TRAILER AND GENERATOR)	≈249" x 52" x 97"
TOTAL WEIGHT (WITHOUT/WITH FUEL)	≈21,000 lbs
INTEGRAL FUEL TANK CAPACITY	168 gal
GENERATOR COLD WEATHER OPTIONS	
BLOCK HEATER   CCV HEATER	Available
FUEL FILTER HEATER   FUEL TANK HEATER	Available
BATTERY BLANKET	Available
ENERGY BOSS COLD WEATHER OPTIONS	
Enclosure Heater	Available
Magnetic Ventilation Covers	Available
WARRANTY	
ENERGY BOSS™ ONLY	2 Years
ENERGY BOSS™ 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 ENERGY BOSS™ BATTERY COMPARES



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

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

### ANA ENERGY BOSS™ 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.