



EBOSS™
125kVA
 -HYBRID SYSTEM-

62/125
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**



50 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 //

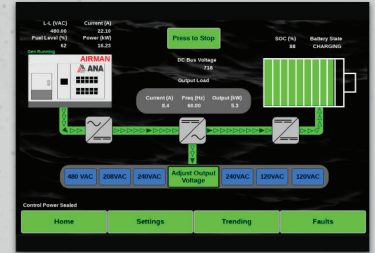
- 7 - Lift-off Door Hinges
- 8 - Ext. Fuel Tank Connections
- 9 - 110% Fluid Containment
- 10 - Service Extensions
- 11 - Fuel & Containment Drains
- 12 - Removable Trailer Fenders

CONSTRUCTION //

- 13 - Power-coated Steel Enclosure
- 14 - Stainless Steel Hardware
- 15 - Lockable Access Doors
- 16 - Automotive Door Seals
- 17 - 111 Gallon Fuel Tank
- 18 - Heavy-Duty Steel Trailer



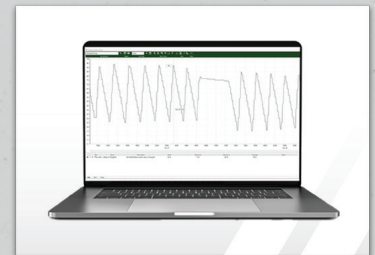
ISUZU 4JJ1X
 Tier 4 / CARB
 Diesel Engine



1 | 10" Touchscreen Control Panel
 with color display



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

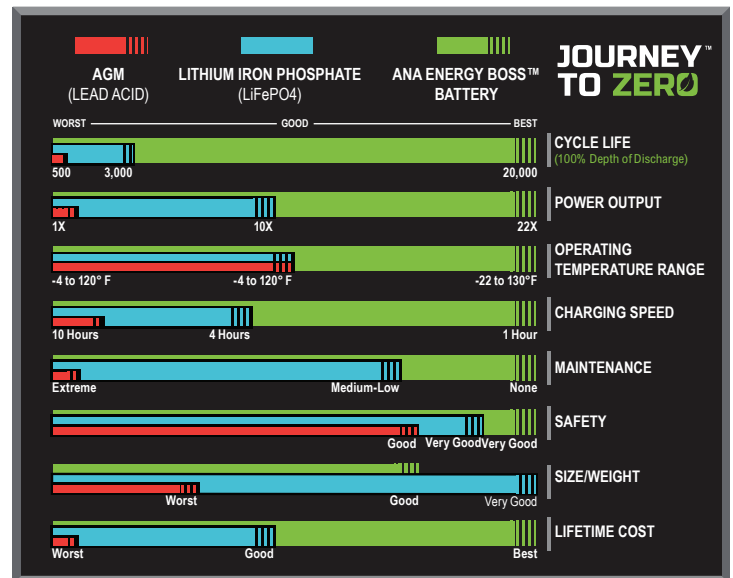
EBOSS™ 125 kVA



SPECIFICATIONS	EBOSS™ 125-50
HYBRID ENERGY SYSTEM	ANA Energy Boss™
MAXIMUM INTERMITTENT POWER OUTPUT	(Battery SOC Greater than 5%)
THREE-PHASE	125 kVA / 100 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	345 A
MAX. INTERMITTENT AMP-LOAD @480V	150 A
MOTOR START RATING - 3 SECOND @208V	532 A
MOTOR START RATING - 3 SECOND @480V	231 A
MAXIMUM CONTINUOUS POWER OUTPUT	(Battery SOC greater than 0%)
GENERATOR	Airman SDG65
GENERATOR CHARGE RATE	65 kVA / 52 kW
THREE-PHASE OUTPUT	62 kVA / 50 kW
SINGLE-PHASE OUTPUT	2.4 kW x 2
SIMULTANEOUS VOLTAGE	120V (1Φ) • 208/480 (3Φ)
MAX. CONTINUOUS AMP-LOAD @208V	167 A
MAX. CONTINUOUS AMP-LOAD @480V	76 A
CONTROLS	
CONTROL PANEL	10" Full Color Touch Screen
TELEMATICS	Generator & Energy Boss™
ESG REPORTING	Yes
TECHNOLOGY	
BATTERY CHEMISTRY	Lithium Titanate Oxide (LTO)
BATTERY CAPACITY	50 kWh
TOTAL BATTERY LIFE OR ENERGY THROUGHOUT	4,000 MWh
CHARGE TIME (NO LOAD)	≈ 1 Hour
INVERTER OUTPUT MAX	100 kW
BATTERY LIFE*	
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
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	Available
COLD WEATHER/ARCTIC PACKAGES	Available

WEIGHTS & DIMENSIONS	
L x W x H (EBOSS ONLY)	≈ 73.5" x 61" x 104.5"
EBOSS WEIGHT ONLY	5,000 lbs
L x W x H (TRAILER AND GENERATOR)	233" x 52" x 97"
TOTAL WEIGHT (WITHOUT/WITH FUEL)	≈ 18,000 lbs
INTEGRAL FUEL TANK CAPACITY	111 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.