



**20X**

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



SAFE BATTERY  
TECHNOLOGY  
NO THERMAL RUNAWAY



WIDEST  
TEMPERATURE  
OPERATING RANGE



SIMULTANEOUS  
OUTPUT  
VOLTAGES



REMOTE ACCESS  
MONITORING &  
TRACKING



INDUSTRIAL  
GRADE  
INVERTERS



**25 kWh**  
**ULTRA**  
**HIGH CYCLE**  
**LITHIUM**  
**TITANATE**  
**OXIDE (LTO)**  
**BATTERY CHEMISTRY**  
PATENTS PENDING

\*This is a digital rendering and does not reflect EXACT unit. Final look and features subject to change.

**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 - 80.5 Gallon Fuel Tank
- 18 - Heavy-Duty Steel Trailer



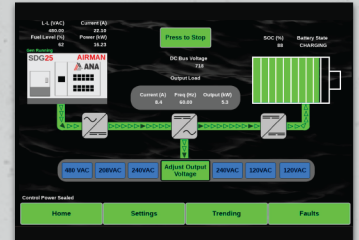
**ISUZU® 4LE2X**  
Tier 4 / CARB  
Diesel Engine



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**BOSS**  
**70-25**

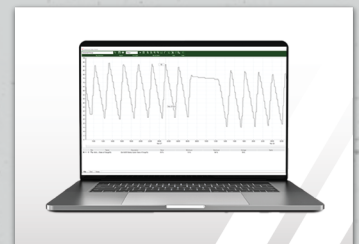
**45/70** PRIME/PEAK  
**kVA** POWER



1 | 10" Touchscreen Control Panel with color display



2 | Simultaneous Voltage Output Panel  
120V - 20A x 2 | 240V - 50A x 3  
1Φ 240V & 3Φ 208/480v 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 ENERGY SYSTEM MODEL BOSS70-25



SPECIFICATIONS	BOSS70-25
HYBRID ENERGY SYSTEM	ANA Energy Boss™
<b>MAXIMUM INTERMITTENT POWER OUTPUT</b>	(Battery SOC Greater than 5%)
THREE-PHASE	70 kVA / 56 kW
SINGLE-PHASE	47 kVA / 37 kW
FREQUENCY	60 Hz
VOLTAGE (THREE-PHASE), SIMULTANEOUS	120 / 208 / 277 / 480
VOLTAGE (SINGLE-PHASE), SIMULTANEOUS	120 / 240
VOLTAGE REGULATION	Adjustable
<b>MAXIMUM CONTINUOUS POWER OUTPUT</b>	(Battery SOC at 0%)
GENERATOR	Airman SDG45
GENERATOR CHARGE RATE	45 kVA / 36 kW
THREE-PHASE OUTPUT	42 kVA / 33 kW
SINGLE-PHASE OUTPUT	30 kVA / 24 kW
SIMULTANEOUS VOLTAGE (THREE-PHASE)	120 / 208 / 277 / 480
SIMULTANEOUS VOLTAGE (SINGLE-PHASE)	120 / 240
<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	25 kWh
TOTAL BATTERY LIFE OR ENERGY THROUGHOUT	2,000 MWh
CHARGE TIME (NO LOAD)	≈ 45 Minutes
INVERTER OUTPUT MAX	56 kW
<b>BATTERY LIFE*</b>	
BATTERY TYPE	Lithium Titanate Oxide (LTO)
BATTERY SIZE	25 kWh
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 @ 11kW AVERAGE LOAD)	25 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
BATTERY CHARGING TEMPERATURE	-22°F to 130°F
<b>FEATURES &amp; OPTIONS</b>	
TRAILER MOUNT	Available
SKID MOUNT	Available
ROOF MOUNTED SOLAR FOR EBOSS BATTERY, 3 PANELS (1.6 kW)	Available
PARALLEL CAPABILITY	Available
COLD WEATHER/ARCTIC PACKAGES	Available

\*Battery expected to retain 95% of its life after 7 years under 24/7 operation at 3kW 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

WEIGHTS & DIMENSIONS	
L x W x H (EBOSS ONLY)	55" x 44" x 62"
EBOSS WEIGHT ONLY	2,000 lbs
L x W x H (TRAILER AND GENERATOR)	167" x 71" x 76"
TOTAL WEIGHT (WITHOUT/WITH FUEL)	5988 / 6560 lbs
INTEGRAL FUEL TANK CAPACITY	80.5 gal
<b>GENERATOR COLD WEATHER OPTIONS</b>	
BLOCK HEATER   CCV HEATER	Available at Launch
FUEL FILTER HEATER   FUEL TANK HEATER	Available at Launch
BATTERY BLANKET	Available at Launch
<b>ENERGY BOSS COLD WEATHER OPTIONS</b>	
Enclosure Heater	Available at Launch
Magnetic Ventilation Covers	Available at Launch
<b>WARRANTY</b>	
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

## Energy Boss Solar 1.6

Solar Power to help charge your Energy Boss Battery System during the day



- Utility Scale Mono Bifacial Solar Modules
- High Powered 3-Phase Quad Microinverter
- UL1741/ CSA C22.2 No. 107.1-16/ UL1741SA/ UL1741SB/ IEEE1547
- Integrated Safety Protection
  - 96.5% Peak Efficiency
- Custom Solar Drawer with Locking Mechanism
  - IRA Compliant

SOLD AND SERVICED BY

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