



BOSS
70-25

45/70 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

1 AND 3Φ

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 - Quietech™ Sound Attenuation
- 6 - Telematics Monitoring System

MAINTENANCE //

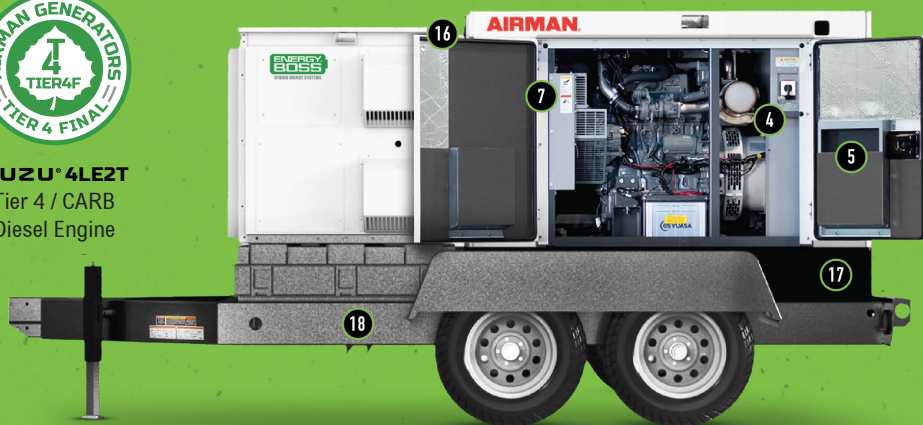
- 7 - Lift-off Door Hinges
- 8 - Ext. Fuel Tank Connections
- 9 - 110% Fluid Containment
- 10 - Service Extensions
- 11 - Fuel & Containment Drains
- 12 - Removable Trailer Fenders

CONSTRUCTION //

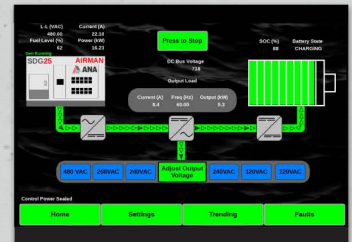
- 13 - Power-coated Steel Enclosure
- 14 - Stainless Steel Hardware
- 15 - Lockable Access Doors
- 16 - Automotive Door Seals
- 17 - 51.5 Gallon Fuel Tank
- 18 - Heavy-Duty Steel Trailer



ISUZU® 4LE2T
Tier 4 / CARB
Diesel Engine



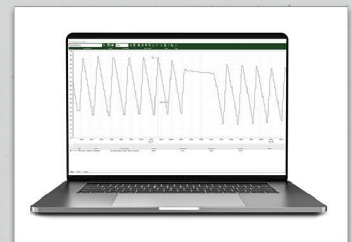
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1 | 10" Touchscreen Control Panel with color display



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



PATENTS PENDING

PATENTS PENDING

SPECIFICATIONS	BOSS70-25
HYBRID ENERGY SYSTEM	ANA Energy Boss™
MAXIMUM INTERMITTENT POWER OUTPUT	(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
MAXIMUM CONTINUOUS POWER OUTPUT	(Battery SOC at 0%)
GENERATOR	Airman SDG45
GENERATOR CHARGE RATE	45 kVA / 36 kW
THREE-PHASE OUTPUT	42 kVA / 33 kW
SINGLE-PHASE OUTPUT	28 kVA / 22 kW
SIMULTANEOUS VOLTAGE (THREE-PHASE)	120 / 208 / 277 / 480
SIMULTANEOUS VOLTAGE (SINGLE-PHASE)	120 / 240
CONTROLS	
CONTROL PANEL	10" Full Color Touch Screen
TELEMATICS	Generator & Energy Boss™
ESG REPORTING	Yes
TECHNOLOGY	
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
BATTERY LIFE*	
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 @ 3 kW AVERAGE LOAD)	41 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
BATTERY CHARGING TEMPERATURE	-22°F to 130°F
FEATURES & OPTIONS	
TRAILER MOUNT	Available
SKID MOUNT	Available
ROOF MOUNTED SOLAR FOR EBOSS BATTERY, 3 PANELS (1.6 kW)	Q1 - 2024
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 x (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)	7,100 / 7,500 lbs
GENERATOR COLD WEATHER OPTIONS	
BLOCK HEATER CCV HEATER	Available at Launch
FUEL FILTER HEATER FUEL TANK HEATER	Available at Launch
BATTERY BLANKET	Available at Launch
ENERGY BOSS COLD WEATHER OPTIONS	
Enclosure Heater	Available at Launch
Magnetic Ventilation Covers	Available at Launch
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

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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