



BOSS
25-15

23/30
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



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

PATENTS PENDING

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 //

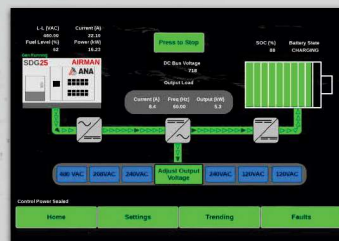
- 7 - Lift-off Door Hinges
- 8 - Ext. Fuel Tank Connections
- 9 - 110% Fluid Containment
- 10 - Service Extensions
- 11 - Fuel & Containment Drains
- 12 - Removable Trailer Fenders

CONSTRUCTION //

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



ISUZU® 4LE2T
Tier 4 / CARB
Diesel Engine



1 | 10" Touchscreen Control Panel
with color display



2 | Simultaneous Voltage Output Panel
120V - 20A x 1 | 240V - 50A x 1
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 BOSS25-15



SPECIFICATIONS	BOSS25-15
HYBRID ENERGY SYSTEM	ANA Energy Boss™
MAXIMUM INTERMITTENT POWER OUTPUT	(Battery SOC Greater than 5%)
THREE-PHASE	30 kVA / 24 kW
SINGLE-PHASE	20 kVA / 16 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 SDG25
GENERATOR CHARGE RATE	25 kVA / 20 kW
THREE-PHASE OUTPUT	23 kVA / 19 kW
SINGLE-PHASE OUTPUT	20 kVA / 16 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	15 kWh
TOTAL BATTERY LIFE OR ENERGY THROUGHOUT	1,200 MWh
CHARGE TIME (NO LOAD)	< 45 min
INVERTER OUTPUT MAX	24 kW
BATTERY LIFE*	
BATTERY TYPE	Lithium Titanate Oxide (LTO)
BATTERY SIZE	15 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.

WEIGHTS & DIMENSIONS	
L x W x H x (EBOSS ONLY)	40" x 48" x 46"
EBOSS WEIGHT ONLY	1,700 lbs
L x W x H (TRAILER AND GENERATOR)	160" x 74" x 75"
TOTAL WEIGHT (WITHOUT/WITH FUEL)	5100 / 5500 lbs
INTEGRAL FUEL TANK CAPACITY	51.5 gal
GENERATOR COLD WEATHER OPTIONS	
BLOCK HEATER CCV HEATER	Available Now
FUEL FILTER HEATER FUEL TANK HEATER	Available Now
BATTERY BLANKET	Available Now
ENERGY BOSS COLD WEATHER OPTIONS	
Enclosure Heater	Available Now
Magnetic Ventilation Covers	Available Now
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

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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