



PRIME

POWER

20



NO THERMAL RUNAWAY



WIDEST TEMPERATURE OPERATING RANGE



SIMULTANEOUS OUTPUT VOLTAGES



REMOTE ACCESS MONITORING & TRACKING



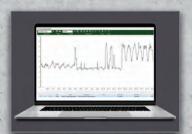
INDUSTRIAL GRADE INVERTERS



1 | 10" Touchscreen Control Panel with Color Display



2 | Simultaneous Voltage Options 120V - 20A x 1 - | 240V - 50A x 1 1Ф 240V & 3Ф 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



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 Powder-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



HYBRID ENERGY SYSTEM MODEL



PATENTS PENDING

SPECIFICATIONS	B0SS25-15		
HYBRID ENERGY SYSTEM	ANA Energy Boss™		
PRIME OUTPUT	Ann Energy 5000		
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		
OUTPUT PANEL	Aujuotabto		
SINGLE-PHASE (120V)	20A		
SINGLE-PHASE (240V)	50A		
THREE-PHASE (480V)	480V Cam-Loks™		
THREE-PHASE (208V)	208V Cam-Loks™		
SINGLE-PHASE (240V)	240V Cam-Loks™		
CONTROLS	2 TOT OWN LONG		
CONTROL PANEL	10" Full Color Touch Screen		
TELEMATICS	Generator & Energy Boss™		
ESG REPORTING	Yes		
TECHNOLOGY	100		
BATTERY CHEMISTRY	Lithium Titanate Oxide (LTO)		
INVERTER	Industrial Grade 3-Phase, 25 kW		
BATTERY SYSTEM VOLTAGE	400V		
DC BUS VOLTAGE	600+ VDC		
BATTERY LIFE *	000 100		
BATTERY TYPE	Lithium Titanate Oxide (LTO)		
BATTERY SIZE	15 kWh		
EST. CYCLE LIFE @ 77°F LABORATORY CONDITIONS	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		
WEIGHTS & DIMENSIONS			
LENGTH x WIDTH x HEIGHT (ENERGY BOSS™ ONLY)	40" x 48" x 46"		
SKID WEIGHT (ENERGY BOSS™ ONLY)	1,700 lbs		
LENGTH x WIDTH x HEIGHT (w/trailer & generator)	160" x 74" x 75"		
TOTAL WEIGHT (WITHOUT / WITH FUEL)	5100 lbs / 5500 lbs		
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		
* Battery expected to retain 95% of its life after 7 years under 24/7 opera	- Land Olivina and Land		

What is the optimal battery size that yields the best fuel efficiency, least emissions, and Generator run time?

The answer is battery size doesn't make a difference. A bigger battery is like having a 50-gallon fuel tank in a car vs. a smaller 20-gallon fuel tank. The MPG is the same regardless of fuel tank or battery size. The difference is the smaller battery will require more battery charge cycles. The same as a smaller fuel tank will need more refills. Larger batteries do have a longer continuous operating time however do require a longer charge time and therefore consuming the same amount of fuel. A larger battery with less cycle life uses far more precious minerals, environmental resources, and will need to be replaced more frequently. This is why ANA selected a smaller battery but with the most advanced technology and the most charge cycles available. This approach substantially reduces our carbon footprint and environmental impact overall. The ANA Energy Boss™ Hybrid Energy System is hands down the greenest option in the market today.

BATTERY SIZE - VS - **FUEL CONSUMPTION**

BATTERY SIZE COMPARISON	15 kWh	30 kWh	60 kWh
GENERATOR OUTPUT		20 kW	
AVERAGE LOAD	5 kW		
AVAILABLE POWER TO CHARGE	15 kW		
GENERATOR ON	1 hour	2 hours	4 hours
GENERATOR OFF	3 hours	6 hours	12 hours
GENERATOR ON (IN 24 HOURS)		6 hours	
GENERATOR OFF (IN 24 HOURS)	18 hours		
FUEL CONSUMED PER DAY (APPROX.)		10 gallons	
BATTERY CYCLES PER DAY	6	3	1.5
REDUCED GENERATOR HOURS	Up to 75 %		

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

ANA ENERGY BOSS™ HYBRID ENERGY SYSTEMS BENEFITS

- Reduced Green House Gas Emissions
- Reduced Fuel Consumption
- Reduced Noise / More Quiet Time
- Remote Access and Monitoring
- Low Maintenance Cost & Service Savings
- · Cost Effective and High ROI

SOLD AND SERVICED BY

ANA S. California

11100 Hope Street Cypress, CA 90630 **ANA N. California**

1315 Vinci Avenue Sacramento, CA 95838 **ANA South Carolina**

1335 Hayne Street Spartanburg, SC 29301 **ANA Texas**

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^{*} Battery expected to retain 95% of its life after 7 years under 24/7 operation at 3 kW average load.