



GO GREEN ON THE JOBSITE



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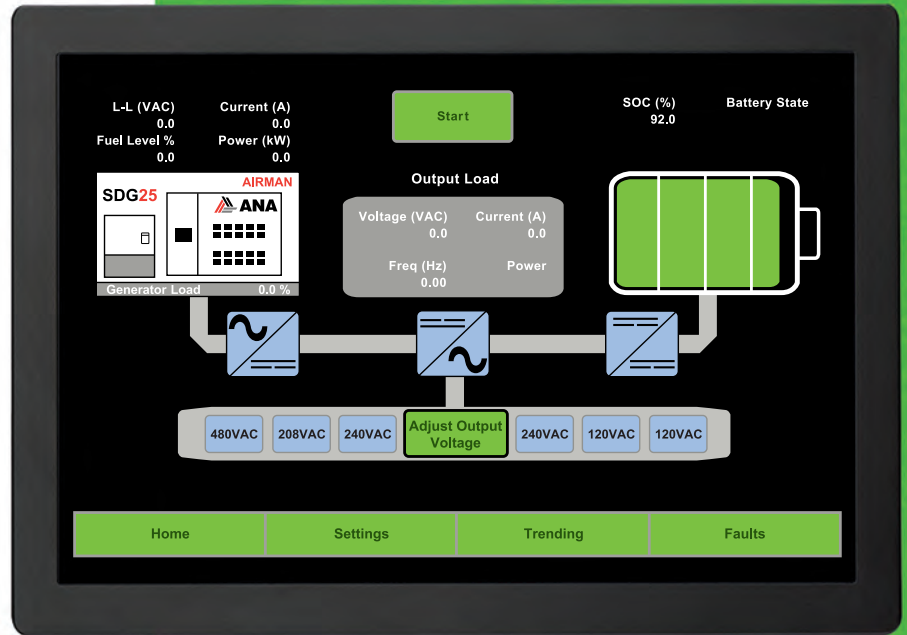
IMPROVE FUEL ECONOMY // LOWER CARBO

ANA HYBRID ENERGY SYSTEM PRODUCT FEATURES

- **Ultra-high Life Cycle Lithium Battery Technology**
 - Up to 20 times more than Lithium Iron Phosphate
- **Safer Battery Technology = No Thermal Runaway**
 - Energy Boss™ requires no additional HVAC or Fire Suppression
- **Widest Temperature Operating Range**
 - Charging/Discharging Temp. Range: -22°F to 130°F
 - Storage/Operating Temp. Range: -40°F to 130°F
- **High-voltage DC Bus Architecture**
 - Stackable Options & Future Capabilities
- **Industrial Grade Power Conversion System and Components**
- **Towable All-In-One Design and Built to Last**
- **Simultaneous Output Voltages**
 - Single-Phase 110 / 240
 - Three-Phase 208 / 240 / 480
- **Large 10" Display**
- **Remote Access & Monitoring of Both Generator and Energy Boss™ Hybrid Energy System**
- **Patents Pending**

BENEFITS

- **Reduced Green House Gas (GHG) Emissions**
- **Reduced Fuel Consumption**
- **Reduced Noise / More Quiet Time**
- **Cost Effective and High Return-On-Investment**
- **Low Maintenance**
 - Cost and Service Savings
- **Easy Handling & Storage**



Single-Phase (110/240V) and Three-Phase (208/240/480V) Receptacle Outlets

All voltages are available simultaneously



Touchscreen Control Panel
Large 10" display

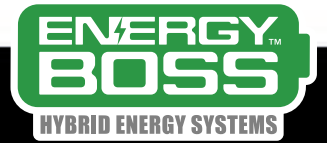


PRODUCT IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY.

ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.



ON EMISSIONS // SLASH RUNTIMES // REDUCE NOISE LEVELS



ANA HYBRID ENERGY SYSTEMS BATTERY COMPARISON

BATTERY SPEC.	LEAD ACID			LITHIUM ION			ANA E-BOSS BATTERY	
BATTERY TYPE	AGM	FLA	FLA Indust.	LiFePO4	LiFePO4	NMC	HES	HES
KILOWATT-HOURS	60 kWh							
DEPTH OF DISCHARGE	50%	50%	50%	80%	100%	80%	80%	100%
CYCLE LIFE @ 77 ° F	1,200	1,600	4,100	5,000	3,000	1,500	90,000	20,000
LIFETIME CUMULATIVE DISCHARGE (MWh)	36	48	123	240	180	72	5,400	1,200

■ AGM (LEAD ACID)
 ■ LITHIUM IRON PHOSPHATE (LiFePO4)
 ■ ANA ENERGY BOSS™ BATTERY

WORST ————— GOOD ————— BEST



CYCLE LIFE
(100% Depth of Discharge)



POWER OUTPUT



OPERATING TEMPERATURE RANGE



CHARGING SPEED



MAINTENANCE



SAFETY



SIZE / WEIGHT



LIFETIME COST



HYBRID ENERGY SYSTEMS

ANA ENERGY BOSS™ HYBRID ENERGY SYSTEMS DELIVER ENERGY SECURITY, LOWER EMISSIONS & LOWER OPERATING COSTS

The all-new ANA ENERGY BOSS™ HYBRID ENERGY SYSTEMS are a breakthrough in hybrid power generation. The new mobile platform pairs top tier generators with cutting-edge battery technology and proprietary controls for demanding power needs.

ENERGY SECURITY: The ANA Energy Boss™ Hybrid Energy System features fast charge, high life cycle battery technology as the primary source of power, with the genset providing recharging current or when loads are elevated for longer run times. Fully automated, the Energy Boss™ Series can produce sustained quiet power in virtually any environment under extreme temperatures.

LOWER EMISSIONS: ANA Hybrid Energy Systems are more energy efficient than standalone generators as the new ANA battery technology reduces the generator runtime and significantly reduces carbon dioxide emissions.

LOWER COSTS: Reduced generator runtimes drive down fuel consumption and maintenance costs. The integrated ANA Energy Boss™ battery technology will reduce operating expenses (depending on site load) between 50 to 80%. All ANA Energy Boss™ models also include remote access and monitoring to manage power anytime, ensuring additional cost savings and more control.

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.



SCAN ME

Call 858.376.6881 for more information or scan QR Code.



ULTRA-HIGH LIFE CYCLE BATTERIES



LOWER NOISE POLLUTION



LESS FUEL CONSUMPTION



LESS CARBON DIOXIDE EMISSIONS



REMOTE ACCESS MONITORING & TRACKING

IS A BIGGER BATTERY BETTER?

- A bigger battery does not save fuel, reduce emissions, or reduce generator hours.
- Spending more on batteries does not earn you more money. Smaller batteries increase your dollar utilization and improve your total ROI over a bigger battery.
- A bigger battery will reduce the number of cycles. Low cycle life AGM and Lithium Iron Phosphate batteries are typically offered in 90 kWh or 120 kWh in an attempt to reach a 10-year cycle life.



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