



**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



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

PATENTS PENDING

### PERFORMANCE //

- 1 - 10" Touchscreen Control Panel
- 2 - CAM-Lok™ Input Connection
- 3 - Emergency Stop Button
- 4 - Telematics Monitoring System
- 5 - Simul. Voltage Output Panel

### CONSTRUCTION //

- 6 - Powder-coated Steel Enclosure
- 7 - Stainless Steel Hardware
- 8 - Lockable Access Doors
- 9 - Heavy-Duty Steel Trailer

### MAINTENANCE //

- 10 - Service Extensions
- 11 - Removable Trailer Fenders



**BOSS  
25-15**

**23/30  
kVA**

**PRIME/PEAK  
POWER**



2 | Convenient CAM-Lok Input Connection  
3Φ 480V Cam-Loks™



4 | Telematics Monitoring System

Remote access and monitoring of fuel,  
runtime, GPS, load and more



5 | Simultaneous Voltage Output Panel  
120V - 20A x 2 | 240V - 50A x 1  
3Φ 240V & 3Φ 208/480V Cam-Loks™

**IMPROVE FUEL ECONOMY // LOWER CARBON EMISSIONS // REDUCE NOISE LEVELS**

**THE INDUSTRY'S HIGHEST-QUALITY HYBRID POWER SYSTEMS**

# HYBRID ENERGY SYSTEM MODEL BOSS25 - Head Unit Only



PATENTS PENDING

SPECIFICATIONS	BOSS25-Head Unit
HYBRID ENERGY SYSTEM	ANA Energy Boss™
<b>MAXIMUM INTERMITTENT POWER OUTPUT</b>	(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
<b>MAXIMUM CONTINUOUS POWER OUTPUT</b>	(Battery SOC at 0%)
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
<b>CONTROLS</b>	
CONTROL PANEL	10" Full Color Touch Screen
TELEMATICS	Energy Boss™
ESG REPORTING	Yes
<b>TECHNOLOGY</b>	
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
<b>BATTERY LIFE*</b>	
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
<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)	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	40" x 48" x 46"
EBOSS WEIGHT	1,700 lbs

## ENERGY BOSS COLD WEATHER OPTIONS

Enclosure Heater	Available Now
Magnetic Ventilation Covers	Available Now

## WARRANTY

ENERGY BOSS™	2 Years
MANUFACTURER BATTERY WARRANTY	7 Years
SERVICE & SUPPORT	24/7, 365 Days
TRAINING	Henderson, NV or On Location

## Skid Mount Option Available

For Energy Boss™ head unit only models.



Ask your sales rep about all possible configurations.

SOLD AND SERVICED BY

<b>ANA Nevada</b> 1740 Raiders Way Henderson, NV 89052	<b>ANA S. California</b> 11100 Hope Street Cypress, CA 90630	<b>ANA N. California</b> 1315 Vinci Avenue Sacramento, CA 95838	<b>ANA South Carolina</b> 1335 Hayne Street Spartanburg, SC 29301
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