



**EBOSS®**  
**25kVA**  
- HYBRID SYSTEM -

**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**

#### 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 //

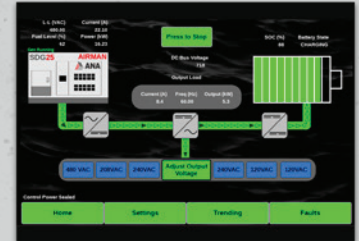
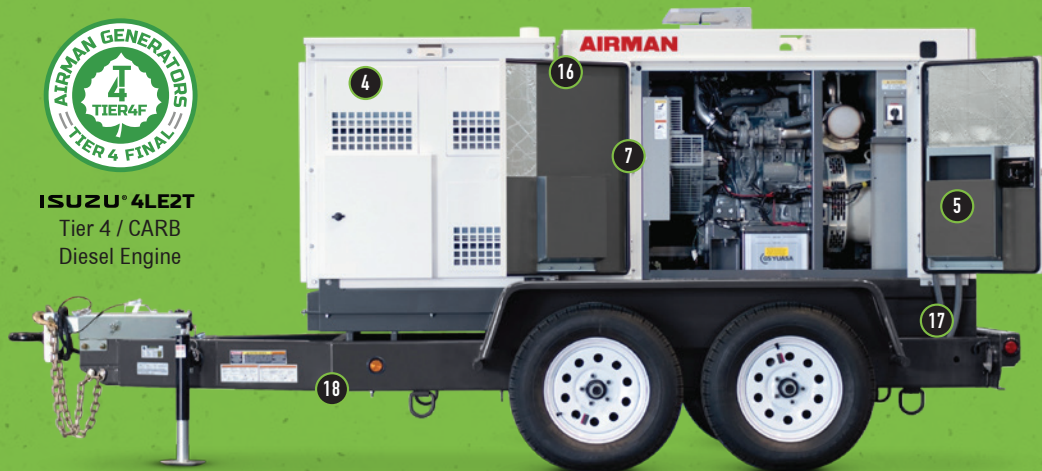
- 7 - Lift-off Door Hinges
- 8 - Ext. Fuel Tank Connections
- 9 - 110% Fluid Containment
- 10 - Service Extensions
- 11 - Fuel & Containment Drains
- 12 - Removable Trailer Fenders

#### 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 SYSTEM MODEL EBOSS® 25kVA



SPECIFICATIONS	EBOSS® 25kVA
HYBRID ENERGY SYSTEM	ANA EBOSS®
<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
SIMULTANEOUS VOLTAGE	120/240 (1Φ) • 208/480 (3Φ)
VOLTAGE REGULATION	Adjustable
MAX. INTERMITTENT AMP-LOAD @208V	70 A
MAX. INTERMITTENT AMP-LOAD @480V	30 A
MOTOR START RATING - 3 SECOND @208V	104 A
MOTOR START RATING - 3 SECOND @480V	45 A
<b>MAXIMUM CONTINUOUS POWER OUTPUT</b>	(Battery SOC greater than 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	120/240 (1Φ) • 208/480 (3Φ)
MAX. CONTINUOUS AMP-LOAD @208V	70 A
MAX. CONTINUOUS AMP-LOAD @480V	30 A
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)
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
FEATURES & OPTIONS	
TRAILER MOUNT	Available
SKID MOUNT	Available
ROOF MOUNTED SOLAR FOR EBOSS BATTERY, 3 PANELS (1.6 kW)	Available
PARALLEL CAPABILITY	Available
COLD WEATHER/ARCTIC PACKAGES	Available

WEIGHTS & DIMENSIONS	
L x W x H (EBOSS ONLY)	40" x 48" x 46"
EBOSS WEIGHT ONLY	2,120 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	
EBOSS ONLY	2 Years
EBOSS 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 operation at 3kW average load.

## EBOSS Solar 1.6

Solar Power to help charge your  
EBOSS 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 EBOSS 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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**Nevada**

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**ANA®**

We make your world easier.