



**ARCTIC**  
COMPRESSOR

**FDSC**  
INTERNATIONAL

# **ALL POWER**

# **Informational Packet**

# The ALL POWER Benefits

Unleash  
**ALL ELECTRIC** Power



# The ALL POWER Benefits



## Powerful Batteries

24kWh onboard battery, upgradeable to 48kWh



## Easy to Connect

Connect to most standard power sources



## Seamless Towing

Any vehicle with rated towing capacity of 7,000 lb GVWR



## Zero Emissions

For both indoor and outdoor operations



## Quiet Operation

Easier to communicate with low noise operation



## Simple Operation

Designed for easy operation - every time



# Specifications and Features

## ALL POWER Mobile Air Trailer

ARCTIC  
COMPRESSOR  
"The Simple Choice"

### Standard Features

The ALL POWER Mobile Air Trailer is built with a galvanized steel frame and electric brakes.

#### Our Most Powerful Compressor

Take charge with the ALL POWER's 2500 Series Compressor, delivering up to 24 CFM at 6000 PSI

#### Compact Fill Station

Standard with every trailer is a two-position manual control fill station for SCBA & SCUBA cylinders

#### Ample Storage

Equipped with four 510 cu. ft. UN/ISO storage cylinders and a rack that holds up to 11 SCBA/SCUBA cylinders

#### Scene Lighting

Dual high-intensity, adjustable pole mounted LED lights ensure optimal visibility in all conditions

#### Versatile Power Outlets

Multiple connection options, including 120V 20A duplex outlet and 5V 3A USB and USB-C charging ports provide flexibility

#### Powerful Battery System

24kWh Fathom Lithium-Ion Phosphate (LiFePO4 chemistry) Battery Package for reliable power

#### Multiple Charging Inputs

Charge using a range of inputs: 120V 20A, 120V 30A, and 208/240V 50A

#### Carbon Monoxide Monitor

Ensuring safe, breathable air in all conditions

#### 100 ft. High-Pressure Hose Reel

Offers extended reach and flexibility

#### Safe Access

Access to all components from ground level—no climbing required

#### Energy Indicators

Monitor total onboard energy from both sides with ease

#### Shipping-Optimized Design

Designed to fit within a standard shipping container for streamlined transport

#### 4 Bank Manual Fill Station Control Panel

Control multiple cylinders simultaneously with the intuitive 4-bank control panel

# Specifications and Features

## Popular Upgrades

### Increased Battery Capacity

Upgrade to a 48kWh battery capacity, (adds 480 lbs) for extended power on the go

### Enhanced Filling Capabilities

Add a fully redundant two-position manual control fill station to double filling capacity

### Additional Hose Reel

Incorporate one extra 100 ft. high or low-pressure hose reel for added flexibility

### Extended Power Options

Request longer power cables and additional adapters to meet your specific needs

### Accessories

Enhance your ALL POWER with a selection of accessories, including a spare tire kit, tongue-mounted toolbox, and wheel chocks

## Technical Specifications

### Weight

5,000 - 6,500lbs\*

*\*Depending on configuration and options*

### Dimensions

15' 10" L, 7' 6" W, 7' 4" H

### Electrical Requirements

We recommend having a dedicated 240/208V 50A plug/circuit available for maximized charging

## Warranty Coverage

### Two-Year Comprehensive Warranty

The ALL POWER Mobile Air Trailer is covered for two years, providing full protection on components to ensure top-quality performance and reliability\*

### Five-Year Fathom e-Power System Warranty

The Fathom® e-Power system included with the trailer is backed by a comprehensive five-year warranty, providing long-term assurance of its performance and reliability. This warranty covers the Fathom e-Power batteries and associated components, ensuring peace of mind for users as they utilize this advanced technology in their operations.

*\*Refer to our Warranty Terms and Conditions for full details at [www.arcticcompressor.com/warranties/](http://www.arcticcompressor.com/warranties/)*

# Battery Technology

## Putting You in Control

### Battery Management System (BMS)

Monitor important metrics on the go using advanced digital controls for real-time power monitoring and management with the built-in BMS.

- **Overcharge Prevention**

Intelligent circuits prevent overcharging, maintaining battery health and longevity

- **Short Circuit Protection**

Internal fail-safes immediately cut power in the event of a short circuit

- **Pressure Relief Mechanisms**

Vents safely release built-up gases, preventing ruptures or explosions

## Quiet and Easy

The ALL POWER Mobile Air Trailer features peace and quiet, with no noise, fumes, or vibrations. This makes it easier to communicate with your team and operate efficiently.

## Low Maintenance

Unlike traditional fuel systems, the ALL POWER Mobile Air Trailer requires low maintenance. No scheduled battery maintenance is required. However, it is recommended that the system be inspected at least once a year for loose connections, corrosion, damage to wiring, etc.

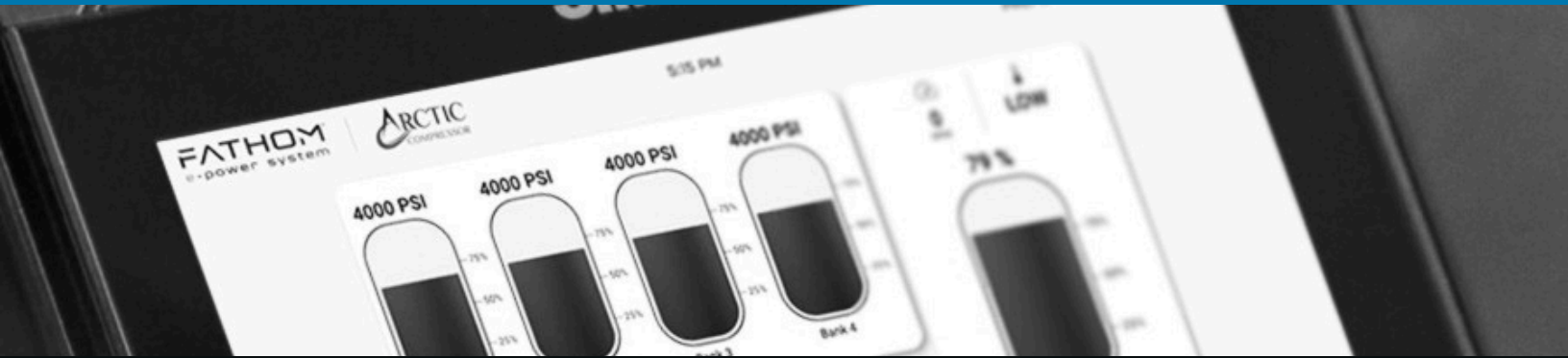
## Exceptional Warranty

The Fathom® e-Power system included with the trailer is backed by a comprehensive five-year warranty, providing long-term assurance of its performance and reliability. This warranty covers the Fathom® e-Power batteries and associated components, ensuring peace of mind for users as they utilize this advanced technology in their operations.

The ALL POWER Mobile Air Trailer is covered for two years, providing full protection on components to ensure top-quality performance and reliability.



# Battery Technology



## Trusted Battery Power

Powered by FATHOM®e-Power System, Arctic Compressor's ALL POWER Mobile Air Trailer is engineered to give you total control of your power sources.

## Lifecycle & Longevity

The lifetime of our batteries is based on cycle usage, with a full-power lifespan rated at 3,500 full cycles (full charge to empty). At this point, the battery will still perform well, but will begin to see a linear depreciation.



Every Day

**Up to 10 years**

Every Other Day

**Up to 20 years**

## Safest Battery Chemistry

FATHOM®e-Power System is powered by Mastervolt® batteries, the safest lithium-ion battery chemistry (LiFePO<sub>4</sub>) available. These batteries are different than what is typically used in the automotive industry.

### LiFePO<sub>4</sub> Batteries



Excellent  
**Chemical Stability**



Always  
**Nontoxic**



Maintains  
**Ideal Temperature**



**Request a Quote**

**[ArcticCompressor.com/Quote](https://ArcticCompressor.com/Quote)**