# EPEQ
## Electrified Power Equipment.

# EPTO

# Introducing the EPEQ® EPTO Hydraulic System!

Experience a more efficient and clean way of powering your crane or boom truck with the Vanair® EPEQ® EPTO Hydraulic System. Designed for electric vehicles or those without a traditional PTO setup, the EPEQ® EPTO provides up to 15 gallons per minute and 3000 PSI of hydraulic power to operate any hydraulic circuit. It is composed of two (2) Vanair® proprietary ELiMENT® Batteries, an electric motor optimized for performance, and a hydraulic pump. The EPEQ® EPTO enables you to work with the engine turned off, resulting in lower noise levels and zero emissions, making it ideal for indoor or residential use.

## EPEQ® EPTO APPLICATIONS INCLUDE

- Aerial Lifts or Bucket Trucks
- Elevated Work Platforms
- Telescopic and Articulating Cranes
- Tool Circuits
- High and Low-Pressure Water Pumps and Dewatering Pumps

## EPEQ® EPTO PERFORMANCE AND SPECIFICATIONS

- Clean and Quiet Power - No Emissions, Reduced Noise
- Delivers Variable Hydraulic Flow Rates
- Soft-Start for Reduced Initial Start-Up Pressure Spikes
- Allows Full hydraulic Crane / Boom Performance via Battery Power
- Operates Similarly to Traditional PTO or Pump Systems - No Need to Modify Your Hydraulic Equipment
- Customizable to Meet Your Specific Needs

# VANAIR
## MOBILE POWER SOLUTIONS.

**800.526.8817 | EPEQ.com**

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# EPEQ® EPTO

**EPEQ** Electrified Power Equipment.

## EPEQ® EPTO PERFORMANCE

- MAX Flow – 15.00 GPM (Measured at 1000 PSI)
- MAX Pressure – 3000 PSI (at 13.5 GPM)
- Connect to 2x ELiMENT® Batteries
- Operational Power Usage:
    - 15 GPM @ 1000PSI = 5400W
    - 14.4 GPM @ 1500 PSI = 7600W
    - 14.4 GPM @ 2000 PSI = 10000W
        - 10000W Equivalent to 1C Rate When Using 2x ELiMENT® 100 Batteries = 50+ Minutes of Runtime
    - 13.5 GPM @ 3000 PSI = 15000W
        - 15000W Equivalent to 1.5C Rate When Using 2x ELiMENT® 100 Batteries = Up to 30 Minutes Runtime in Optimal Conditions

## EPEQ® EPTO CONTROL MODULE

- Size: 16.19" L x 10.16" W x 7.57" H
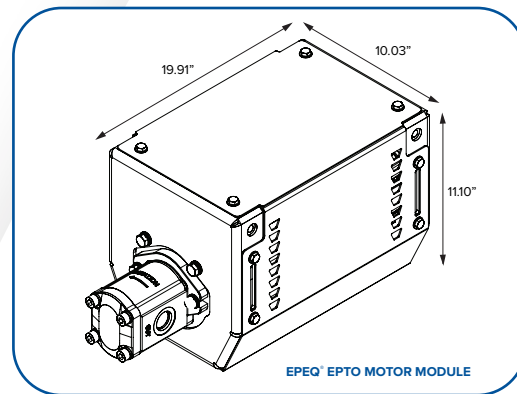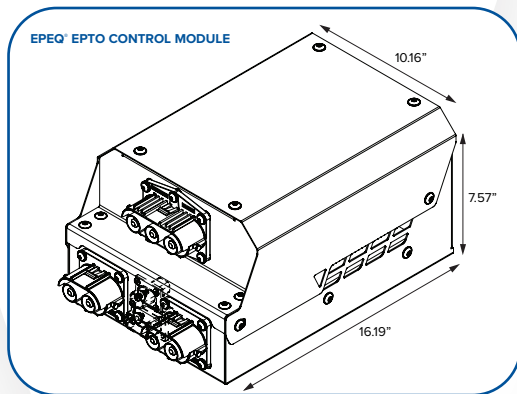- Weight: 34 lbs.

## EPEQ® EPTO MOTOR MODULE

- Size: 19.91" L x 10.03" W x 11.10" H
- Weight: 137 lbs.

## (2) ELiMENT® BATTERY

- Capacity: 100 Ah
- Voltage: 48
- Cycles: 5,000
- Material: Lithium Iron Phosphate
- Protections: Over-Current, Short-Circuit, Over-Charge, Over-Discharge, Over-Temperature and Under-Temperature
- EPEQ® Battery Management System
- Size: 13.38" L x 12.5" W x 11.8" H with Handles
- Weight: 107 lbs.

## (1) EPEQ® SMART CONTROLLER

- LED Display with Anti-Glare Coating
- IP67 Rated
- Reads and Reports:
    - State of Charge
    - Charge / Discharge Rates and Cycles
    - Cell Voltage Levels
    - Battery Temperature
- Faults and Warnings:
    - Over-Charge and Over-Discharge
    - Over-Temperature and Under-Temperature



EPEQ® EPTO CONTROL MODULE



EPEQ® EPTO MOTOR MODULE

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