



Franklin Electric

# ELECTRICPAK™ VFD

VARIABLE FREQUENCY DRIVE WITH SMARTPRIME™ CONTROL INTERFACE



[pioneerpump.com](http://pioneerpump.com)



# *YOUR PARTNER FOR* **WATER SYSTEMS**



## **ABOUT FRANKLIN ELECTRIC**

Franklin Electric is a global provider of complete systems for the movement of water.



## **ABOUT PIONEER PUMP**

Pioneer Pump, a brand of Franklin Electric, specializes in the engineering and manufacturing of large centrifugal pumps and packages.



## **HIGH PERFORMANCE PUMPS**

Transport water and wastewater for any sized job with our proven portfolio of centrifugal pumps.



## **WE'RE DRIVING PIONEER PUMP INTO THE FUTURE**

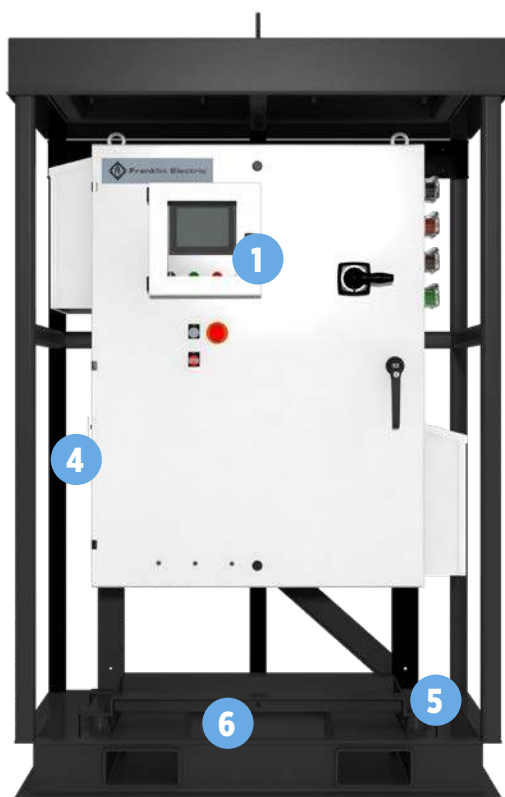
A variable frequency drive (VFD) on the jobsite needs to be as tough as the environment it's in. That's why we've taken the best features of our most popular VFD system and re-packaged it to withstand the demands of transport and deliver a more intuitive startup experience with our SmartPrime™ touchscreen interface. You get the operating performance you need, packaged the way that works best for you: full ElectricPAK™ system or standalone skid.

## **ElectricPAK™ VFD**



## STANDALONE SKID PACKAGE – FOR VERSATILITY IN APPLICATIONS

The rugged, packaged drive solution you've been waiting for is here. Choose from standalone skid mounted or fully integrated ElectricPAK options:



### 1 SMARTPRIME CONTROL INTERFACE

- Intuitive interface offers comprehensive programming options with an easy-to-use design
- Auto Mode lets users set up pre-programmed behavior including: constant pressure, maintain, and float control

### 2 FAN SYSTEM

- Upgraded cooling system capable of maintaining operation in ambient temperatures up to 50°C (122 °F)

### 3 QUICK CONNECT POWER GLAND PANEL

- Easily supply power without having it access internal components

### 4 FLOAT AND TRANSDUCER CONNECTIONS

- Dedicated direct connections for easy plug-and-play functionality

### 5 VIBRATION-ISOLATED VFD PANEL

- Secures and protects against wear and tear during transport, installation and onsite operation

### 6 FULLY-WELDED CAGE

- Rigid steel construction offers robust impact-protection
- Lifting-eye and fork pockets allow for easy transportation and installation





## SMARTPRIME CONTROL INTERFACE

No learning curve required: the powerful SmartPrime interface is as intuitive to use as a mobile app.

- Handle all aspects of operation from a streamlined central hub with easy-to-navigate graphics. Get fast startup and simple monitoring – eliminating the need for complex keypad setup and programming.
- Two SmartPrime mode options help operators get packages up and running with just a few touches:
  - Manual mode lets users adjust basic pump parameters using simple on-screen tools and includes analog sensor monitoring for up to four control and data variables.
  - Auto mode lets users fine tune parameters based on their specific surface dewatering telemetry: level transducers, float switches, pressure transducer or flow meter. This mode features clear graphic displays of real-time pump conditions.
- Alternative Hand Mode allows users to operate the panel with tactile push buttons and door mounted speed potentiometer. Hand mode tracks and logs alarms onto an SD card for future reference.



## INTEGRATED ELECTRICPAK – FROM PUMP TO CONTROLS



The integrated ElectricPAK is a modular offering of electric-driven pump packages engineered from the ground up to offer a fully streamlined experience for owners and operators. Each configured assembly includes a high-performance pump, electric motor and variable frequency drive option that provides total system optimization.



# FE SELECT

## *SIZE. CONFIGURE. QUOTE.*

### STREAMLINED EXPERIENCE FROM SELECTION TO STARTUP

**With 24/7 online and mobile-friendly availability, FE Select instantly helps you formalize your deliverables with printable and downloadable quotes: no waiting for a callback.**

FE Select is the industry-leading online tool from Franklin Electric that makes configuring a Pioneer ElectricPAK easy for contractors, engineers, fleet managers and wholesale distributors. It's secure and free-to-use: input your performance requirements and FE Select will help you find the best Pioneer ElectricPAK to fit your needs.

### GETTING WHAT YOU NEED HAS NEVER BEEN EASIER

- Configure and quote a full electric package to meet your application requirements, anytime and from any web-enabled device.
- Download full technical specifications and generate pricing in minutes.



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*Franklin Electric is a global leader in the manufacturing and distribution of products and systems focused on the movement and management of water. We offer pumps, motors, drives, and controls for use in a wide variety of agricultural, commercial, industrial, municipal, and residential applications.*

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