

About Current Power Solutions

Current Power Solutions builds high power drive systems for every aspect of the energy market. Medium and low voltage drives are specifically designed for use in petrochemical plants, pipelines, drilling rigs, and other applications that require rugged packaging and long term reliability. Current Power Solutions also supplies switchgear, distribution equipment, automation and control systems.

Current Power Solutions can do more than supply high quality MV drives. We can perform complete power system studies, provide mechanical & electrical load analysis, supply turnkey packages in electrical buildings, and much more.



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Powered by **Ingeteam**

EnerDrive Powered By Ingeteam

A new concept in Medium Voltage Variable Speed drives that combines the superior technology of Ingeteam with the application expertise of Current Power.

This drive is perfect for customers that need to run large motors at variable speed, but prefer...

- ✦ Lower prices
- ✦ Avoiding unnecessary complication
- ✦ Short delivery times
- ✦ Fast submittal drawings
- ✦ Flexible suppliers
- ✦ Application expertise
- ✦ Great aftermarket support



High Power Drives Built to Your Specifications & Requirements

With the EnerDrive, you can get a large VFD packaged the way that you want for a low price. You can avoid price mark-ups and the lack of accountability that are all too common when using separate suppliers for drives, distribution equipment, electrical buildings, automation, and other system components.

The EnerDrive is available with both Air and Water Cooling. Water cooling allows drives to be packaged in very small footprints without the need for large air conditioners or hearing protection.

Each EnerDrive is fully assembled, cabled, and tested in Houston, Texas. The drives are standardly packaged in heavy duty, welded frame enclosures with layouts that combine ease of maintainability with a small footprint. The drives can be custom packaged to meet the requirements of customers and custom applications. When desired, EnerDrives can be packaged in metal buildings with switchgear, transformers, distribution, and automation systems.



Air Cooled Drive Ratings

Current Rating	275A	520A
Power Rating 4160V Motor	2100HP 1575kW	4000HP 3000kW
Power Rating 2400V Motor	1200HP 900kW	2400HP 1800kW
Min Amb. Temperature	0°C	
Max Amb. Temperature	40°C	
Max Altitude w/o De-rating	3000 feet above sea level 1000m above sea level	
Enclosure Rating	IP 22	
Switching Frequency	700-900Hz	
Enclosure Size	64"Wx52"Dx89"H 1.6m W x 1.3m D x 2.3m H	96"Wx52"Dx89"H 2.5m W x 1.3m D x 2.3m H

Water Cooled Drive Ratings

Current Rating	550A	1042A
Power Rating 4160V Motor	4220HP 3150kW	8000HP 6000kW
Power Rating 2400V Motor	2420HP 1800kW	4600HP 3400kW
Min Amb. Temperature	0°C	
Max Amb. Temperature	40°C	
Max Altitude w/o De-rating	3000 feet above sea level 1000m above sea level	
Enclosure Rating	IP 34	
Switching Frequency	700-900Hz	
Enclosure Size	80"Wx52"Dx89"H 2.0m W x 1.3m D x 2.3m H	112"Wx52"Dx89"H 2.8m W x 1.3m D x 2.3m H