



Irrigation & Water Supply

Reliable and Efficient Motors, Controls, Gear Reducers, and Generators

Precise Control & Reliable Uptime

Worldwide Electric's distributors partner with farmers, land owners, and facility managers to ensure their crops, land, landscaping or a facility is irrigated correctly. We understand the costs and implications associated with equipment failure, downtime and inefficient water control, especially with water scarcity and seasonal drought situations.

Our premium motors, motor controls, gear reducers, and generators for irrigation and water supply are specifically designed to provide precise control and reliable up-time while resisting environmental conditions and heavy daily usage.

Contact:

Call:

Email:

Vertical Hollow Shaft Motors

Our Vertical Hollow Shaft motors are built for standard and high-thrust turbine pump applications in pivot systems, deep wells, and groundwater pumping applications. And, when paired with a Variable Frequency Drive, like a WorldDrive VFD or an Enclosed Pump Control Package, you'll save on motor energy costs and get the precise control you need on all of your outdoor irrigation and well applications.

Quick Specs

- Two-year warranty
- 10-500 hp | 1800 rpm
- IP23 weather protected enclosure
- Standard coupling size included
- Double thrust bearing design (100-500 hp) for deeper well applications



Standard Coupling Size Included
Ready to connect and get to work.

Closed-couple Pump Motors

Totally Enclosed Fan Cooled (TEFC) or Open Drip Proof Close-coupled pump motors are designed to meet or exceed EISA 2007 requirements for premium efficiency, making them ideal for industrial pumping applications, such as centrifugal pumps requiring JM or JP shafts.



- 1 to 50 hp | 3600 and 1800 rpm
- 1.15 Service Factor
- Class F insulation
- TEFC | IP 55 protection | Cast iron frame
- ODP | IP 23 protection | Rolled steel frame

Jet Pump Motors

Our Electric Jet Pump motors feature a high-torque and durable design to effectively power industrial, commercial, and residential pumping solutions such as water wells, pools, and more.



- Single-phase or three-phase
- Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC)
- TEFC | 1/3 to 3 hp | 3600 rpm
- ODP | 1/3 to 5 hp | 3600 rpm
- 56J with threaded shaft
- 56C with keyed shaft

Premium Efficient, Marine & Severe Duty Motors (TEFC)

Reliable, high performance motors well-equipped to power anything from pumps, fans, compressors, blowers, and hydraulic power units. The LAM IEEE 45 Marine Duty Motors feature a three-year warranty, and are designed for wet environments and taxing conditions



Premium Efficient Severe Duty

- 1-500 hp | 3600, 1800, 1200, 900 rpm
- Frame size 143T to 586/7, rigid base or C-Face with feet (TC)
- Up to 1.25 Service Factor
- Inverter duty, 10:1 CT / 20:1 VT (1.0 SF)
- IP55 protection | Class F insulation | CSA certified
- CC006A

LAM IEEE 45 Marine Duty

- 1 to 450 hp | 3600, 1800, 1200, and 900 rpm
- Up to 1.25 Service Factor
- Inverter duty, 10:1 CT / 20:1 VT (1.0 SF)
- Design B and NEMA premium efficiency
- IP55 protection | Class F insulation
- Class 1 Div. 2 Groups A,B,C,D (NEC)
- UR, CE, IEEE 45, CC306B

WorldDrive Variable Frequency Drive Packages

Fully configurable packaged solutions for motor control. They are UL compliant, assembled, tested and ready for operation prior to shipment. The heavy duty enclosure provides protection in the most demanding outdoor environments.



- NEMA 3R, 4, and 12 enclosure options
- Choice of N700E or WorldDrive Flex Control VFDs
- 2 hp through 800 hp with WorldDrive Flex Control VFD
- Broad range of available sizes, features, and configuration options available
- Standard options in-stock ready for immediate delivery

WorldStart Motor Soft Starter Packages

Fully configurable packaged solutions for reducing the load and torque when starting and stopping your motors. They are UL compliant, assembled, tested and ready for standard duty, heavy duty, and positive displacement pumping applications.



- NEMA 4 enclosures with WorldStart WSE or WSiQ,
- 5 hp through 300 hp @ 230 V
- 20 hp through 600 hp @ 460 V
- Broad range of available sizes, features, and configuration options available
- Standard options in-stock ready for immediate delivery

Generators

AC synchronous generators rated for standby or continuous duty to a wide range of equipment, such as pumping systems, and pivot systems.



- AC Synchronous
- Brushless 4-pole, self-ventilated alternators
- Double or single bearing
- 60 Hz at 1800 rpm or 50 Hz at 1500 rpm
- CSA approved