

WORKHORSE SOLAR WELL PUMP KITS ARE #1 IN AMERICA

Workhorse Solar Pumps is a family-owned and operated company. Our mission is to save you time and hard-earned money by delivering the most reliable and affordable solar well pump systems on the market. Our kits make solar pumping easier than ever, giving you the tools and know-how to do it yourself. We are blessed with loyal customers from all over the country, and the world.

COMPARE OUR 3 MOST POPULAR KITS, COMPLETE WITH EVERYTHING YOU NEED FOR A QUICK AND EASY INSTALLATION

WORKHORSE 200



The **200** is the small workhorse of the family. It comes standard with **two 100 watt solar panels**, a 'smart' controller, wires and sensors. It operates at a **maximum head of 164 ft** and generates flow rates up to **5.8 gallons per minute**.

WORKHORSE 400 / 400V+



The **400** strikes the perfect balance between cost and performance. It comes standard with **four 100 watt solar panels**, a 'smart' controller, wires and sensors. It can operate at a **maximum head of 262 ft** and generates flow rates up to **7.9 gallons per minute**. The **400V+** with centrifugal pump is a higher volume, lower head option delivering up to **14GPM** at low heads!

WORKHORSE 800 / 800V+



The **800** delivers power and versatility. It comes standard with **eight 100 watt solar panels**, a 'smart' controller, wires and sensors. It operates at a **maximum head of 328 ft** and generates flow rates up to **9.2 gallons per minute**. The **800V+** with centrifugal pump is a higher volume, lower head option delivering up to **16GPM** at low heads.

Conservative estimate for most of the USA in spring, summer, and fall. Northern states will see slightly less output in the winter months.

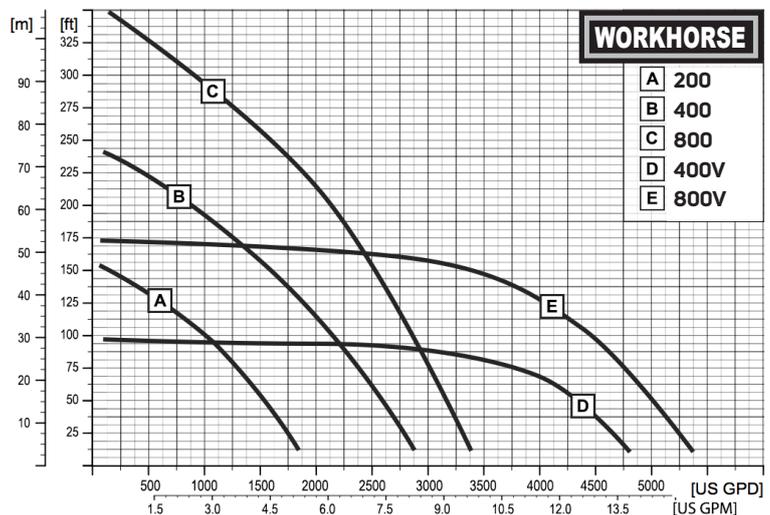
NEED A LARGER PUMP?

For volumes up to 50,000 gallons per day or depths up to 1,000 feet, see our Pro Series at WORKHORSEPUMPS.com

NEED A SMALLER PUMP?

If your well casing is 2.5 to 3 inches, we have 2-inch diameter pumps listed at WORKHORSEPUMPS.com

Total Pump Head (ft) vs Gallons Per Day (6 hours pumping)



AMERICA'S #1 SOLAR WELL PUMPS

WorkhorsePumps.com

support@workhorsepumps.com

888-637-4493

28301 Industrial Blvd. Hayward CA 94545

AMERICA'S #1 SOLAR WELL PUMPS

	200	400 / *400V+	800 / *800V+
Submersible pump	Workhorse 200 Pump with Brushless Motor & Pump End (3" diameter)	Workhorse 400 Pump with Brushless Motor & Pump End (3" Diameter)	Workhorse 800 Pump with Brushless Motor & Pump End (3" Diameter)
Control unit	Controller with MPPT technology; connects pump to solar panels, batteries, and sensors	Controller with MPPT technology; connects pump to solar panels, batteries, and sensors	Controller with MPPT technology; connects pump to solar panels, batteries, and sensors
Sensors	1x water level sensors (100 ft wire each), 1x tank float sensor	1x water level sensors (100 ft wire each), 1x tank float sensor	1x water level sensors (100 ft wire each), 1x tank float sensor
Solar panels	2x 100-Watt Monocrystalline Panels	4x 100-Watt Monocrystalline Panels	8x 100-Watt Monocrystalline Panels
Boost option	2 additional 100-watt panels in parallel (optional for 100 to 150 ft of head)	2 additional 100-watt panels in parallel (optional for 150 to 250 ft of head)	4 additional 100-watt panels in parallel (optional for 300 ft or more of head)
Connectors	Solar panel cable connectors, waterproof heatshrink wire covers	Solar panel cable connectors, waterproof heatshrink wire covers	Solar panel cable connectors, waterproof heatshrink wire covers
Guide	Detailed book with step-by-step installation instructions	Detailed book with step-by-step installation instructions	Detailed book with step-by-step installation instructions
Max efficiency voltage	36 volts (2 panels in series)	72 volts (4 panels in series)	72 volts (4 panels in series)
Pump power range (watts)	60 W (low head) to 340 W (120 ft head)	80 W (low head) to 480 W (200 ft head)	150 W (low head) to 720 W (300 ft head)
Battery bank compatibility	24v**, 36v or 48v ** Not with high head or pressure tanks	48v	48v
Plumbing	Outlet is 3/4" Female Pipe Thread (FNPT). A barbed coupling and hose clamps for 3/4" poly pipe are included	400: Outlet is 3/4" Female Pipe Thread (FNPT). Barbed coupling and hose clamps for 3/4" poly pipe included. *400V+: Outlet is 1"	800: Outlet is 3/4" Female Pipe Thread (FNPT). Barbed coupling and hose clamps for 3/4" poly pipe included. *800V+: Outlet is 1"
Peace of mind	30 Day Money-Back Guarantee, Phone/Text Support, 2 Year Warranty	30 Day Money-Back Guarantee, Phone/Text Support, 2 Year Warranty	30 Day Money-Back Guarantee, Phone/Text Support, 2 Year Warranty
Shipping	~2 weeks via UPS 62 lbs	~2 weeks via UPS 105 lbs	~2 weeks via UPS 205 lbs

WHY WORKHORSE IS #1

EFFICIENCY

With unrivaled efficiency, our kits have the fastest payback period against grid-tied pump systems.

AFFORDABILITY

By offering quality products directly to our customers, we provide the lowest cost and best value in the industry. Get more for your money with Workhorse.

LONGEST LASTING

Our products are designed to last a lifetime, and our brushless pump technology ensures long-lasting, maintenance-free water pumping.

BE PREPARED

We include a backup pump impeller that can be installed in the field at no cost, saving you time and hundreds of dollars on a 'factory rebuild' required by other systems!

FRIENDLY SUPPORT

We love solar, and we use these systems on our own properties. If you need support along the way, we will be here to answer your questions.



COMPANY POLICY: Though perhaps uncommon, our company policy will never be to 'sell' customers on our products. We're engineers and problem solvers, and frankly, we wouldn't know how to hard sell if we wanted to! Instead, we will give you all the data to make an educated buying decision about your well pump, and provide the know-how to install a system yourself. We want to earn your business, and only if we have the right product for you. So ask us anything. No one is on commission and we are all here to help. We want to help find the right system for you and your family, or you and your plants, or you and your livestock!