

WORKHORSE

Solar+AC Pump

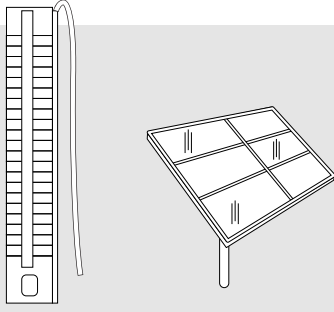
Submersible Pump with option of Solar operation, 110V/220V AC or automatic switching between

W10-350 Deep Pump

W25-100 High Volume Pump

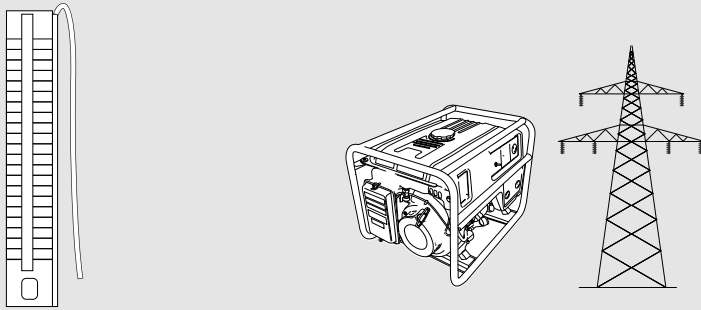
For use with 800w - 2000w Solar Array or AC Backup
Up to 400ft of head with **DEEP** series and up to 70GPM with **VOLUME** series.

Standard Solar Setup



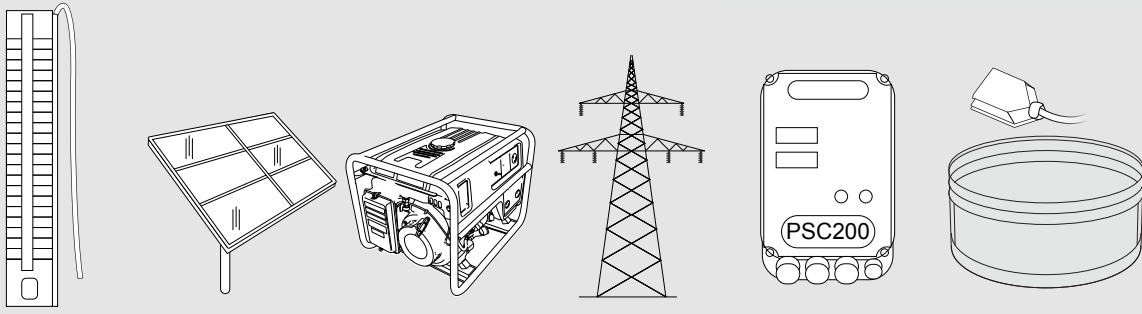
Workhorse Pump Solar Panels

Deferred Solar



Workhorse Pump Generator OR Grid Power

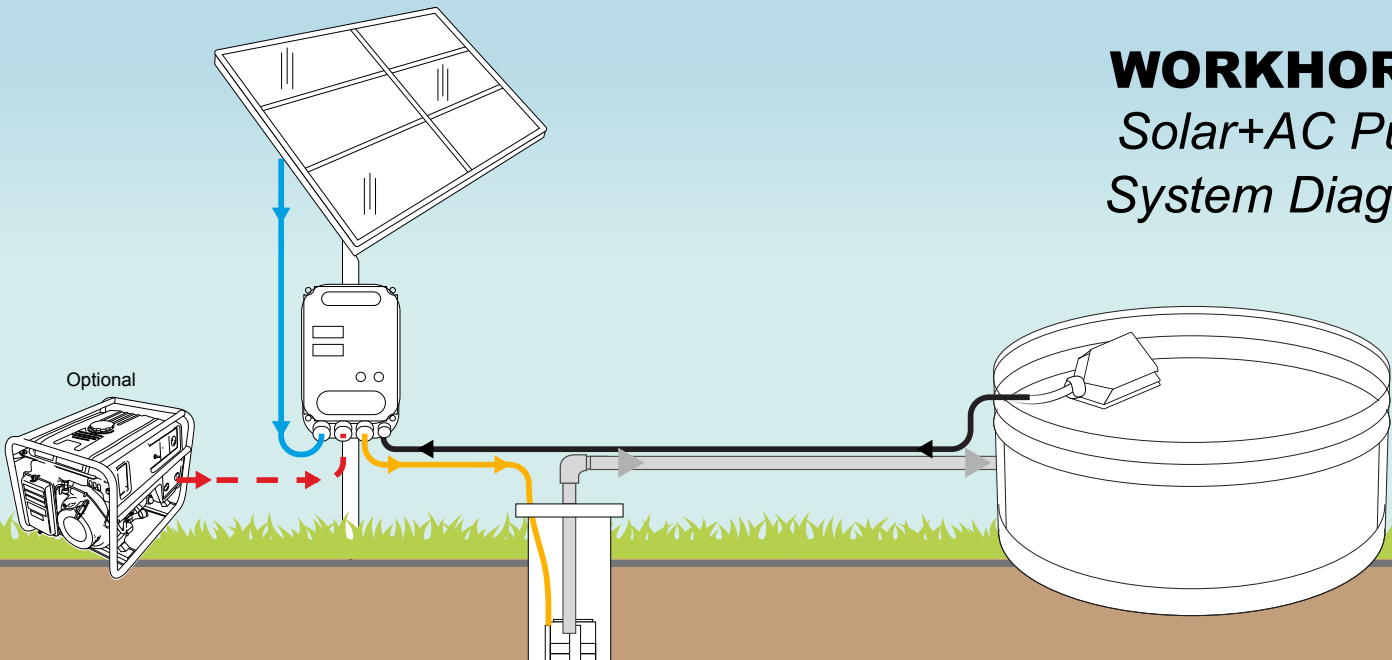
Solar with Automatic Switching



Workhorse Pump Solar Panels Generator OR Grid Power Power Switch Controller Float Switch for Tank

- Permanent magnet DC brushless.
- AC/DC Switching Controller Optional.
- Internal controller with MPPT function
- 304 SS pump and motor. Laser Welded.
- Water-lubricated bearings.
- Water-filled Encapsulated motor.
- Soft start and soft stop to extend life.
- Built-in Run-Dry protection.
- Variable Load protection.
- Variable Current & Voltage protection.
- Most Comprehensive 2 Year Warranty

WORKHORSE Solar+AC Pump System Diagram



WORKHORSE

Solar+AC Pump



Specifications

W10-350 Deep Pump

W25-100 High Volume Pump

For use with 800w - 2000w Solar Array or AC Backup. Up to 400ft of head with **DEEP** series and up to 70GPM with **VOLUME** series.

Pump Main Features

Power: **100w - 2200w**

Input Voltage: **DC 144 - 360V**

AC 120 - 230V 50/60Hz

Max Input Voltage from solar panels: **450V**

Current Range: **1.5 - 8A**

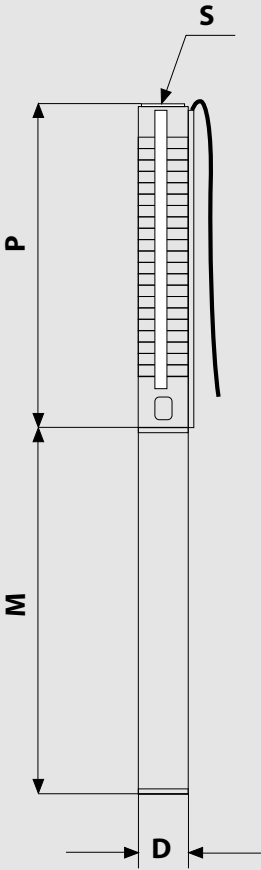
Speed Range: **500 - 4500RPM**

Insulation Class: **F**

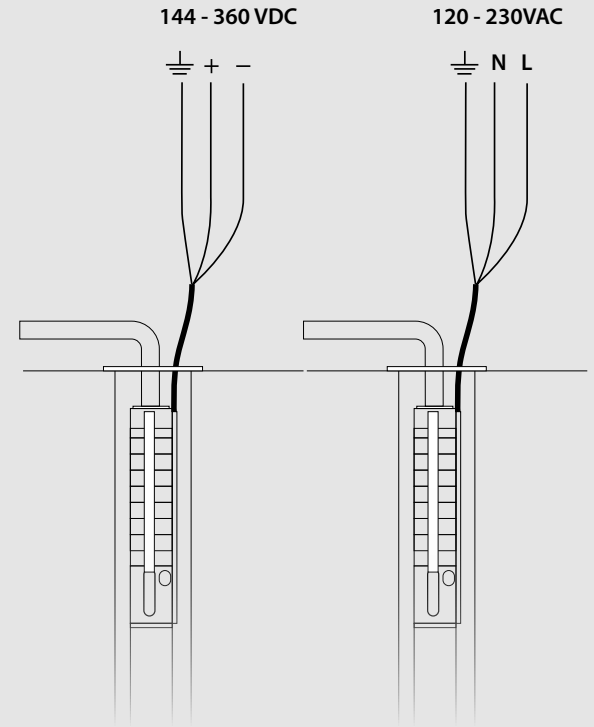
Protection Class: **IP 68**

Dimensions and Weight

	Dimensions (in)					Weight (lbs)	
	M+P	M	P	D	S	Motor	Pump
DEEP	51	27.75	23.25	3.75	1.25 FNPT	27.3	12.6
VOLUME	47.25	27.75	19.5	3.75	2 FNPT	27.3	11

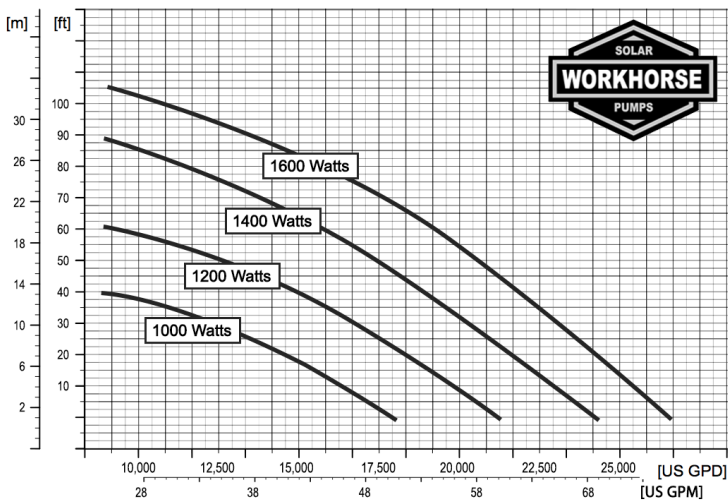


AC / DC Wiring

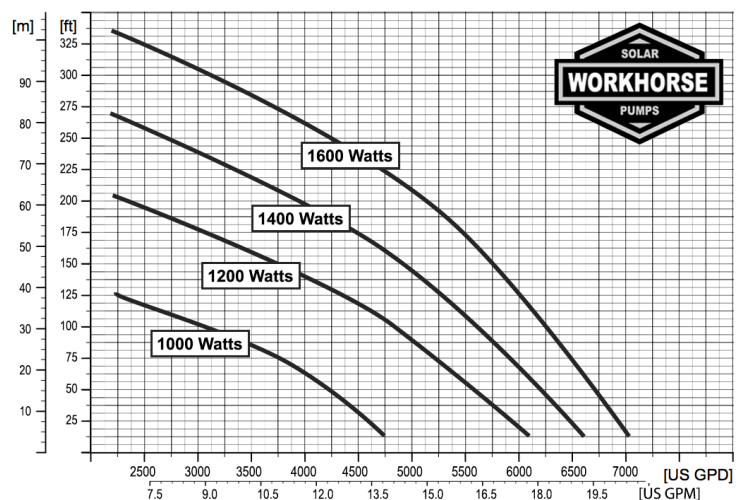


Pump Curves

VOLUME



DEEP



* GPD calculated using 6 hours solar per day

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