Solar Submersible Pump for Deep Well (Stainless Steel Model)

TECHNICAL CHARACTERISTICS



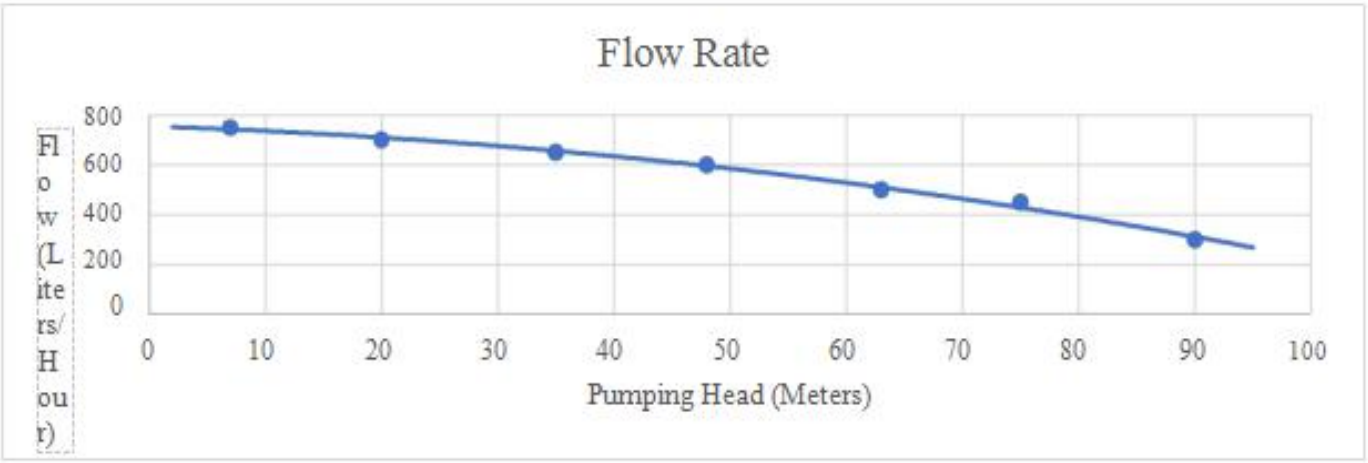
Pump Design	Positive Displacement 3 Chamber Diaphragm Pump
Motor	Permanent Magnet, Thermally Protected
Voltage	24V / 12V DC Nominal
Amps:	5.0 Max./10.0 Max.
Internal Bypass	160PSI Max.(11.0 BARS)
Maximum Lift	100 Meters
Outlet Port	1/2''(12.7mm) Barbed Fitting for 1/2'' (12.7mm) I.D.Tubing
Inlet	50 Mesh Stainless Steel screen
Materials	Stainless steel body., Stainless Steel Fasteners
	Potable Water Well Pump

Model	Volt	Flow rate	lift(m)	Amps	Body cover	Remark
HY2460-30	24V	12.0LPM(720LPH)	100M	5.0A	Stainless steel body	New arrived
HY1260-30	12V	12.0LPM(720LPH)	100M	10.0A	Stainless steel body	New arrived

Typical Applications

*Drinking water supply
*Water supply for remote domestic usage
*Water supply for solar thermal installation
*Water supply for animals
*Game parks and game farms
*Solar micro irrigation(small family's garden. Small rural areas or green roof system)
*Irrigation of fields and greenhouses
*Pond management

Pump flow & efficiency curves



SAILFLO®

Smile-w series solar water pump controller

This controller can be use for12/24V pump automatic identification,It is designed according to the HY1240-30/2440-30, HY1260-30/2460-30 duty cycle specially.
Feature:
* Setting the pump working time: work 2.5hours, resting 30 minutes.If work with battery together, the rest time can charge the battery.When the sunshine is not good or at night, the pump can work with the battery automatically.
If you use the pump without battery, you can connect the solar panel wire to the battery button in the controller directly, it also can work in 2.5hours rest 30 minutes duty cycle,

Technical specifications:

Basic Characteristics	
Voltage Typ	12 / 24VDC Automatic Identification
Rated current	15A
Maximum charging voltage	12V-30V,24V-55V
Operating temperature range	-35℃ to +55℃
Humidity	10%-90% NC
Protection class	IP30
Dimensions	131 x71 x24mm
Terminal Wire	AWG 12-30
Terminal maximum torque	5Kgf.cm/M3.0
Protection Type	Overcharge, over discharge, electronic short circuit, overload protection and anti-reverse protection



