



**GOODSPEED**  
ENVIRONMENTAL SERVICES

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## 12 Volt DC Supernova 120® Plastic Pump (Lifts 37 Meters DTW)



### New Technology - Smaller Size

Sometimes smaller is better. Why waste time with a small diameter bailer or bladder pump when the Supernova 120® will get the job done in a lot less time. And we mean a lot less time (take a look at the pump charts below.) The Supernova 120® eliminates the need for heavy, bulky pumps and small diameter bailers. For all your purging and sampling needs the Supernova 120® is a wiser choice.

### How The Supernova 120® Can Help You...

- The Supernova 120® is 3.66cm O.D. — perfect for well screens of 3.81cm I.D (not to be used in larger wells!)
- Perfect for 2" (5.08cm) wells that are bent or cracked that a traditional 2" (5.08cm) pump can't fit down.
- Save Time and Money
- Save Trouble
- Save Your Back
- The Supernova 120® pump meet EPA protocols for low flow sampling (Fractional Flow®).

The Engineered Plastic 12-volt submersible centrifugal Supernova 120® pump is capable of pumping up to 37 Meters from ground level (DTW)\* by simply connecting the Supernova 120® to a 12-volt deep cycle battery. Its reliable design is perfect for continuous sampling and purging of groundwater wells.

### Simplify and Expedite Your Next Sampling Event!

- The Supernova 120® can operate under harsh conditions with higher turbidity.
- The Supernova 120® can run continuously in water without the need for a cool down!
- The Supernova 120® has a **400-hour** motor life!
- The Supernova 120® has a sleek outside that minimizes well hang-ups.
- The Supernova 120® is a very reliable and economical pump that provides a great bang for your buck!

\* Depth to water

## **Specifications:**

DC VOLT RECOMMENDATION: 12-15 DC (direct current) At Source  
MEASUREMENTS: LENGTH 40.64cm / DIAMETER: 3.66cm  
REQUIRED TUBING: 3/8" or 1/2" ID TUBING  
SUPPLIED WITH: 39.62 METERS OF HEAVY DUTY 10 GAUGE WIRE

<b>Pumping Depth in Meters DTW (Depth To Water)</b>	<b>Liters Per Minute At 13.8 Volts At The Source</b>
3.05	14.01
6.10	12.30
12.19	11.36
15.24	10.41
21.34	7.19
24.38	4.92
25.91	3.79
30.48	2.84
33.53	1.89
36.58	0.95

Test was conducted with a Power Source at 13.8 volts

Running your vehicle while using this pump will dramatically increase purge volume