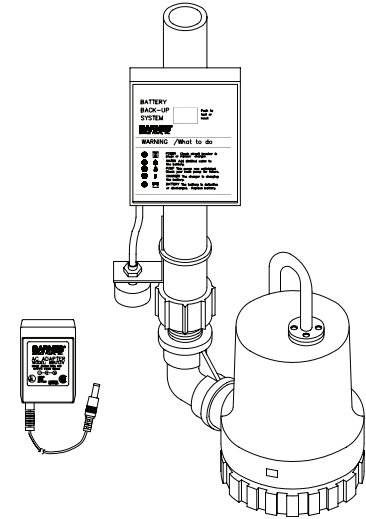


DISCHARGE 1¼" NPT, Female, Vertical
LIQUID TEMPERATURE 150°F (66°C) Continuous
PUMP HOUSING Non-corrosive, may be used in fresh or salt water (resulting from water softener residue).
MOTOR Totally submersible, water cooled for longer life

The BUS can provide added protection for your home when installed. With the battery backup sump pump system your pumping power is never interrupted. The BUS switches automatically to battery power when the power fails, and it pumps along with your primary pump when there is more water coming into your sump than your main pump can handle. The BUS recharges automatically when power is restored and monitors battery and power conditions constantly. It will also detect irregularities, sounds an alarm and pinpoints problems and solutions on the control panel.

The alarm will sound to these potential problems;

- Battery needs water
- Battery is old and needs to be replaced
- Battery is discharge
- Battery is defective
- Power plug is out of wall
- Power is out
- Charger needs to be replaced
- Pump has been activated



**Series: BUS
 Battery Backup**

DESCRIPTION:
 GENERAL PURPOSE PUMP FOR RESIDENTIAL AND LIGHT INDUSTRIAL SUMP APPLICATIONS

Testing is performed with water specific gravity of 1.0 @ 68°F (20°C), other fluids may vary performance

Series BUS

Battery Backup
Submersible

BARNES®

Professional Plumbing

www.cranepumps.com

Accessories

The technical drawing illustrates the Barnes Battery Backup System components and their dimensions. The main pump unit is shown with a height of 6.5 inches (165 mm) and a width of 4.5 inches (114 mm). A pipe adapter is shown with a height of 5.0 inches (127 mm) and a width of 3.0 inches (76 mm). The control unit is shown with a height of 4.5 inches (114 mm) and a width of 4.0 inches (102 mm). The battery charger is shown with a height of 4.5 inches (114 mm) and a width of 3.0 inches (76 mm).

CONTROL UNIT

BATTERY BACK-UP SYSTEM

BARNES BATTERY PUMPS, INC.

WARNING /What to do

- POWER** Check electricals & also of replace circuit.
- WATER** Acc. discharges water to battery.
- PUMP** This pump will continue. Check your main pump for flow.
- CHARGER** The charger is charging to battery.
- BATTERY** The battery is defective or discharged. Replace battery.

PIPE ADAPTER

BATTERY CHARGER

AC ADAPTER
MODEL: BBUP-2V
INPUT: 120V AC
OUTPUT: 12V DC
CURRENT: 0.4A
POWER: 4.8W

MODEL NUMBER	BUS
PART NUMBER	100940
PUMPING CAPACITY	1000 GPH @ 10 feet
POWER DRAW: NOTE: The lower the AMP draw, the longer the pump will run on the battery.	6 Amps @ 12 Volts
CHARGER STRENGTH: NOTE: The higher the AMPS, the faster the charger will recharge the battery.	0.4 Amps
Approx. time to recharge a fully discharged battery.	48 Hours
Approx. continuous pumping with recommended battery	6 - 12 Hours
A 12 Volt Deep Cycle Marine Battery is recommended (Not Supplied)	

IMPORTANT !

1.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

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PUMPS & SYSTEMS

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