442-SERIES
Battery Back-Up Pumps

Liberty Pumps®
A Family and Employee Owned Company

Away from home? Power outage?
Liberty Pumps has you covered.

StormCell



Dual 12-volt Battery Box Shown

Liberty Pumps StormCell® battery back-up pumps provide uninterrupted flood control for your basement in the event of a power outage or main pump failure. These highly advanced 12-volt back-up pump systems are available as standard models or with optional NightEye® wireless technology. With NightEye® enabled models, you have one of the most advanced pump systems on the market - providing intelligent monitoring via the NightEye® app and real time notifications via text message, email or push notification

Patent: See
www.LibertyPumps.com/patents

Liberty Pumps StormCell Battery Recommended

3 Year Warranty



NightEye® Wireless Enabled **Model Available**

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StormCell®

442-10A Series
Standard System
10 AMP Single Battery

Features

- Energy efficient 12V DC Pump (Manufactured in the USA by Liberty Pumps)
- Professional-grade 10A charger/controller
- Suitable with Wet Cell, AGM or gel-type batteries
- Microprocessor controlled with energy efficient Switch Mode Technology
- Single battery box accommodates (1) Group 27 or 31 battery
- Remote wall-mount user interface with LCD display
- Audio alarm (features a self-reset after silence)
- Super-bright red LED alarm ring
- 9-volt battery backup – operates alarm in standby mode for up to 72 hours
- Alarm and pump test buttons
- Green LED AC power light and audible notification of power loss
- Blue LED Pump-Run light
- Auxiliary contacts (24VDC, 100 mA max)
- Compact "snap-on" activation float switch with integral alarm float switch (fits 1-1/4" and 1-1/2" pipe)
- High water float switch acts as a redundant "on" float switch for the pump
- Tee and fittings for standard installations

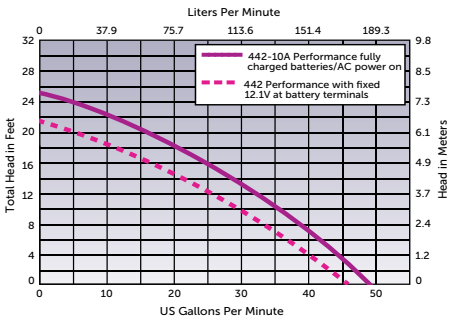
442-25A Series
High-output System
25 AMP Dual Battery

Features

- Energy efficient 12V DC Pump (Manufactured in the USA by Liberty Pumps)
- Heavy-duty fan cooled 25A charger. (Can run as a continuous power supply for the back-up pump in the event of a main pump failure)
- Suitable with Wet Cell, AGM or gel-type batteries
- Dual battery box accommodates (2) Group 27 or 31 batteries
- Microprocessor controlled with energy efficient Switch Mode Technology
- Remote wall-mount user interface with LCD display
- Audio alarm (features a self-reset after silence)
- Super-bright red LED alarm ring
- 9-volt battery backup – operates alarm in standby mode for up to 72 hours
- Alarm and pump test buttons
- Green LED AC power light and audible notification of power loss
- Blue LED Pump-Run light
- Auxiliary contacts (24VDC, 100 mA max)
- Compact "snap-on" activation float switch with integral alarm float switch (fits 1-1/4" and 1-1/2" pipe)
- High water float switch acts as a redundant "on" float switch for the pump
- Tee and fittings for standard installations

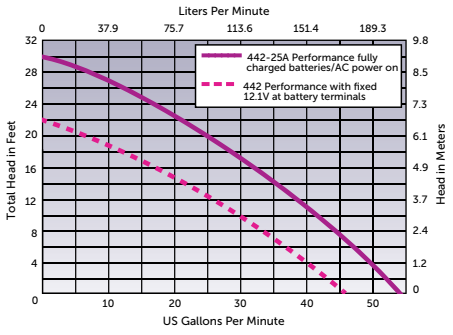


442-10A Series Performance





442-25A Series Performance



For optimum performance, Liberty Pumps StormCell® batteries recommended

Liberty Pumps

NightEye®



Apple® iOS & Android® compatible

FREE App!

GET IT ON Google Play

Available on the App Store

Wireless Enabled

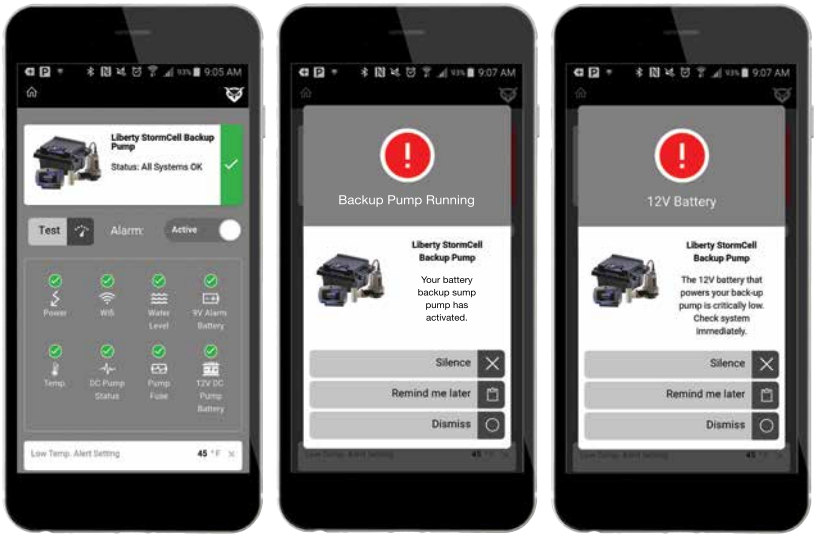
Both the 10A and 25A systems are available with optional wireless enabled technology. The NightEye® cloud-based system provides constant monitoring of your back-up pump – providing you instant information to your smart device - anywhere in the world.

Notifications

- Back-up pump activation
- High water level alarm
- AC power lost
- Wi-Fi connection lost (system utilizes a smart wireless connection monitor to prevent nuisance notifications)
- Blown fuse or DC pump failure
- 12-volt battery charge levels
- Critically low battery warning
- Basement temperature level warning (user sets temperature warning level)

Other Features

- No subscription or user fees (message and data rates may apply)
- System works through your home's wireless router
- Simple and easy connection using BlinkUp™ technology
- 9-volt battery backup on control device will operate for up to 12 hours in active alarm mode and 7 days in standby mode
- Silence or test alarm remotely from your smart device



Normal Status | **Back-Up Pump Running** | **Low Battery Level**



Patent: See www.LibertyPumps.com/patents

New!
Super-bright LED alarm ring



Liberty Pumps® StormCell®

All Systems Include:

- Back-up Pump
- Battery Case
- Activation Switch
- Control Panel/Alarm
- Charger Unit
- Check Valve
- Plumbing And Mounting Components
- AC Power Supply

Choose between wireless enabled or standard models

		NightEye® WIRELESS ENABLED MODELS		STANDARD MODELS	
		 **442-10A-EYE**	 **442-25A-EYE**	 **442-10A**	 **442-25A**
Max Flow (GPM)	@ 12.1V	46	46	46	46
	with AC Power On	49	54	49	54
Flow at 10' (GPM)	@ 12.1V	30	30	30	30
	with AC Power On	35	42	35	42
Continuous Run Times* (with StormCell® Group 31 Wet Cell batteries)		5.5 Hours (~8,000 gallons)	11 Hours (~16,000 gallons)	5.5 Hours (~8,000 gallons)	11 Hours (~16,000 gallons)
Cycling Run Times** (with StormCell® Group 31 Wet Cell batteries)		8 Days	16 Days	8 Days	16 Days
Run Times/Gallons (AC Power On)		Unlimited (performance will decline as battery discharges)	Unlimited at Rated Curve (25A Charger supports continuous run)	Unlimited (performance will decline as battery discharges)	Unlimited at Rated Curve (25A Charger supports continuous run)
Max Lift	@ 12.1V	21.5'	21.5'	21.5'	21.5'
	with AC Power On	25'	30'	25'	30'
User Interface with LCD Display		✓	✓	✓	✓
NightEye® **Wireless Enabled**		✓	✓		
High-output Dual Battery System (Batteries sold separately)			✓		✓
Weight (lbs)		20	30	20	30

* Continuous run at 10' lift. **Based on 10' lift and pumping 10 gallons per cycle - 4 times an hour.

Certifications

SSPMA CERTIFIED Pumps

Pumps: CSA C US

Charger: cULus FC BC

Alarm and Interface: CSA C US FC

Specifications subject to change without notice.

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Liberty Pumps - 7000 Apple Tree Avenue - Bergen, New York 14416
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PC 442-Series

Sump Pump Combo Series

Liberty Pumps®

A Family and Employee Owned Company

StormCell®

Pre-assembled Primary Pump and Battery Back-up System

Drop-In-The-Pit Ready



Features

- Provides uninterrupted pumping in the event of a power outage or main pump failure
- Fully assembled
- Primary pumps available in 1/3 and 1/2 hp
- Ready to connect to 1-1/2" discharge pipe
- System includes primary pump check valve and back-up pump check valve
- StormCell® 442-Series back-up system includes:
  - Audible and visual alarm with super-bright LED alarm
  - Energy efficient 12V DC pump (manufactured in the US by Liberty Pumps)
  - Professional-grade 10A charger/controller
  - Battery box (fits Group 27 or 31 batteries)
  - User interface with LCD readout
  - Compact float switch system
  - Silence and Test buttons
  - Auxiliary contacts
- Suitable with AGM, Wet Cell or Gel type batteries (not included)
- Liberty Pumps StormCell® batteries recommended for optimum performance

Liberty Pumps StormCell® Battery Recommended



NightEye® Wireless Enabled **Model Available**

SSPMA CERTIFIED

C SP US

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StormCell®

Included in Complete System

- Primary Pump, 115V
- 442-10A backup pump system
- 1-1/2" PVC piping with rubber coupler between primary pump and back-up pump (rubber coupler provides easy removal and serviceability of back-up pump)
- System includes primary pump check valve and back-up pump check valve
- Completely assembled
- Maximum fluid temperature 140°F
- Battery not included. 12V deep cycle battery Group 27 or 31 recommended

For optimum performance, Liberty Pumps StormCell® batteries recommended.

Primary Pump Options



Model 257
1/3 hp
Cast Iron



Model 237
1/3 hp
Poly/Alum



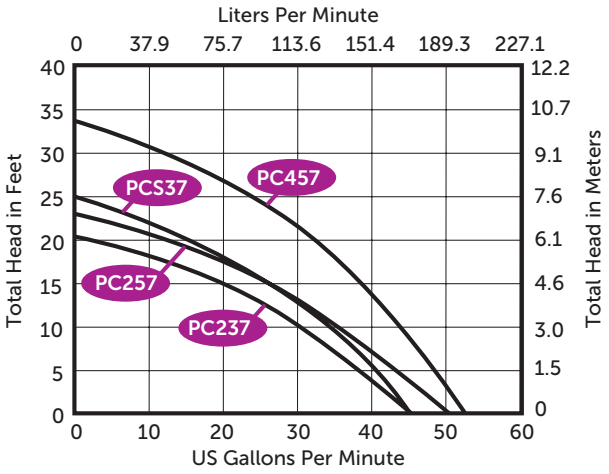
Model S37
Model S37-P
1/3 hp
Poly/Cast Iron



Model 457
1/2 hp
Poly/Alum

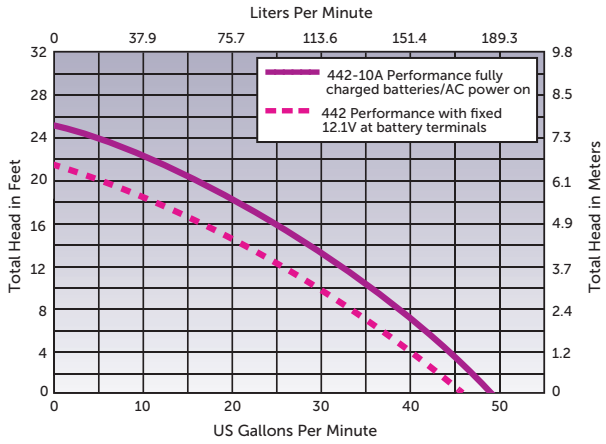
Primary Pump Performance

60 Hz



Back-Up Pump Performance

60 Hz



All Models

MODELS	DESCRIPTION	PRIMARY PUMP	NightEye® WIRELESS ENABLED	SYSTEM WEIGHT
PC237-442-10A	Model 237 and 442	1/3 hp, 115V, 5.2A	No	30 lbs
PC257-442-10A	Model 257 and 442	1/3 hp, 115V, 5.2A	No	42 lbs
PC457-442-10A	Model 457 and 442	1/2 hp, 115V, 7.3A	No	32 lbs
PCS37-442-10A	Model S37 and 442	1/3 hp, 115V, 6.2A	No	33 lbs
PCS37-P-442-10A	Model S37-P and 442	1/3 hp, 115V, 6.2A	No	33 lbs
PC237-442-10A-EYE	Model 237 and 442	1/3 hp, 115V, 5.2A	Yes	30 lbs
PC257-442-10A-EYE	Model 257 and 442	1/3 hp, 115V, 5.2A	Yes	42 lbs
PC457-442-10A-EYE	Model 457 and 442	1/2 hp, 115V, 7.3A	Yes	32 lbs
PCS37-442-10A-EYE	Model S37 and 442	1/3 hp, 115V, 6.2A	Yes	33 lbs
PCS37-P-442-10A-EYE	Model S37-P and 442	1/3 hp, 115V, 6.2A	Yes	33 lbs

Minimum pit size for all above systems is 18" diameter x 18" deep. For complete primary pump specifications, see appropriate 230-Series, 250-Series, 450-Series, or S30-Series literature. For complete back-up pump specifications, see StormCell® 442-Series literature.

Specifications subject to change without notice.

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Liberty Pumps® StormCell®

NEW!

Made in USA

12 Volt Batteries

AGM Maintenance Free

GROUP 27 Deep Cycle
Model B12V27-AGM



- Amp hour rating - 98AH
- RC minutes - 170
- CA Rating - 750
- Weight 58 lbs.

GROUP 31 Deep Cycle
Model B12V31-AGM



- Amp hour rating - 110AH
- RC minutes - 200
- CA Rating - 885
- Weight 60 lbs.

Flooded Maintenance Free

GROUP 27 Severe Duty
Model B12V27-WET



- Amp hour rating - 105AH
- RC minutes - 125
- CA Rating - 875
- Weight 47 lbs.

GROUP 31 Severe Duty
Model B12V31-WET



- Amp hour rating - 120AH
- RC minutes - 175
- CA Rating - 1000
- Weight 57 lbs.

All StormCell® batteries carry a one year limited warranty.
Severe duty wet cell batteries must ship VIA common carrier.

Make sure your StormCell® backup system maintains peak performance with StormCell® batteries from Liberty.These batteries are designed to provide the highest performance and longest life when matched with the 10 amp or 25 amp systems.



442-Series Battery Back-Up System
Liberty's most advanced backup pump system

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