

# PC 441-10A-Series

Sump Pump Combo Series

# Liberty Pumps®

A Family and Employee Owned Company

Pre-assembled primary pump and battery back-up system

Compact design

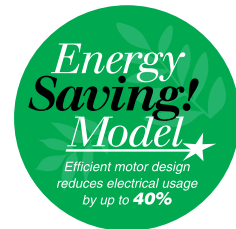
Drop-in-the-pit ready

## Features

- Provides uninterrupted pumping in the event of power outage or main pump failure
- Fully assembled
- Primary pumps available in 1/3 or 1/2 hp
- Ready to connect to 1-1/2" discharge
- 12-Volt battery operated
- Compact profile will fit minimum 15" diameter and 18" deep sump pits
- System includes separate check valves for both primary and back-up pumps
- Model 441-10A back-up system includes:
  - 10A Battery charger and maintainer, with integrated back-up pump controls
  - Meets US DOE and California CEC energy efficiency standards
  - Self-resetting 24 hour silence
  - Audible and visual alarm warns of back-up pump operation
  - Battery voltage display on charger

## Models

<b>PC237-441-10A</b>	1/3 hp (Model 237 and 441-10A)
<b>PC257-441-10A</b>	1/3 hp (Model 257 and 441-10A)
<b>PC457-441-10A</b>	1/2 hp (Model 457 and 441-10A)
<b>PCS37-441-10A</b>	1/3 hp (Model S37 and 441-10A)
<b>PCS37-P-441-10A</b>	1/3 hp (Model S37-P and 441-10A)



Battery not included



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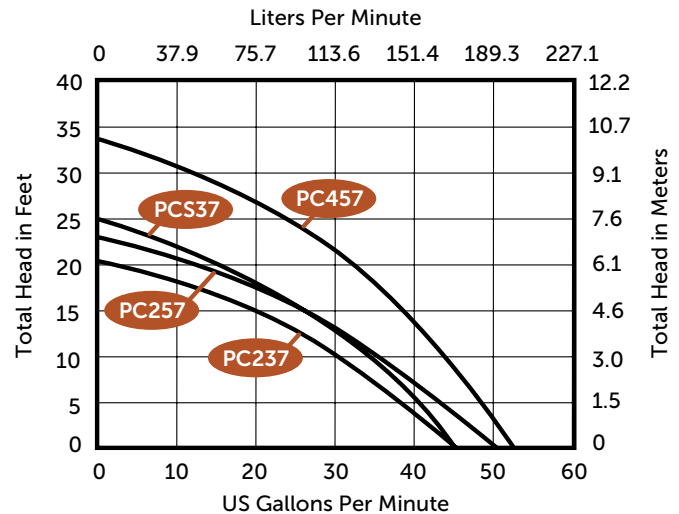
# PC441-10A-Series

## Included in Complete System

- Primary Pump, 115V
- 441-10A Back-up pump, 12 VDC
- 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)
- Check valve included on primary pump and back-up pump
- Completely assembled
- Maximum fluid temperature 140°F
- Battery not included. 12-Volt marine-type deep cycle battery recommended. (Charger compatible with Group 27 or 31, AGM, Gel, and Wet cell batteries)

For optimum performance, Liberty Pumps StormCell® batteries recommended

## Primary Pump Performance Curve

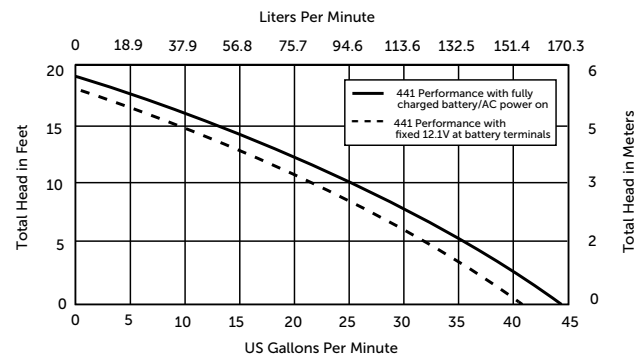


## Primary Pump Options



## Back-Up Pump Performance Curve

Model 441-10A



## Models and Specifications

MODELS	DESCRIPTION	PRIMARY PUMP	BACK-UP PUMP	BATTERY CHARGER	SYSTEM WEIGHT
PC237-441-10A	1/3 hp (Model 237 and 441-10A)	115V, 5.2A	12 VDC	10A	27 lbs
PC257-441-10A	1/3 hp (Model 257 and 441-10A)	115V, 5.2A	12 VDC	10A	39 lbs
PC457-441-10A	1/2 hp (Model 457 and 441-10A)	115V, 7.3A	12 VDC	10A	32 lbs
PCS37-441-10A	1/3 hp (Model S37 and 441-10A)	115V, 6.2A	12 VDC	10A	30 lbs
PCS37-P-441-10A	1/3 hp (Model S37-P and 441-10A)	115V, 6.2A	12 VDC	10A	30 lbs

Minimum pit size for all above systems 15" diameter x 18" depth

For complete primary pump specifications see appropriate 230-Series, 250-Series, 450-Series or S30-Series literature.

For complete back-up pump specifications see Model 441 literature.

Specifications subject to change without notice.

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