



## PHCC Pro Series 1850 Battery Backup Sump Pump System



### FEATURES:

- Automatic battery backup system for ultimate security and peace of mind
- Advanced computer controlled monitoring system
- Caged dual float switch for added redundancy
- Designed for use with maintenance or maintenance free batteries
- USB Data Port and Remote Terminal allows the unit to connect to one of many devices



B12-90



B-2200

### Pro Series Standby Batteries

- Runs the pump longer... for more hours per charge
- Lasts longer in standby operation

**630-978-9696**



## Features

- Automatically switches to battery power when AC fails
- Recharges automatically
- Monitors system conditions and alarms when:
  - Battery needs water, is discharged or needs to be replaced
  - Battery cable is loose or corroded
  - Power plug is disconnected, fuse is blown, circuit breaker is tripped, or AC power is out
  - Backup pump has been activated
- Detects irregularities, sounds an alarm, and pinpoints problems and solutions on the control panel
- Alarm can be silenced during a power outage
- Runs pump weekly to test for proper operation
- USB Data Port and Remote Terminals connect to external devices such as PHCC Pro Series Connect Modules, home automation systems or other devices for remote notification
- Designed for use with wet cell or maintenance free batteries

## CONNECT

The PHCC Pro Series CONNECT Line of Pumps have the ability to send email or text notifications when there is an issue or needed maintenance.

### Notification with the USB Data Port:

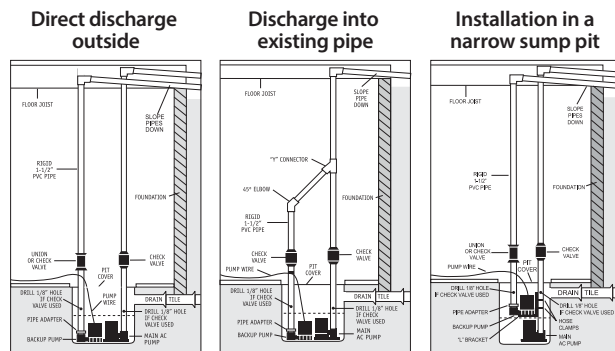
- Attach the Pro Series CONNECT Module to your Pro Series 1850 Backup system and the module will act as a gateway to the internet
  - w Receive specific text or email alerts telling you exactly what is going on in the home

### Notification with the Remote Terminal

- Connects to a home security, auto dialer, or other dry contact based device

Now, you can 'be in-the-know when you're on-the-go'.

## Install Diagram



## Available From

## Specifications

### Pump

Flow/Amp. Draw @ 10 ft Head	1,850 GPH / 10-12 Amps DC
Max Head	16 ft (4.9 M)
Inlet	Snap-on Non-corrosive ABS Screen
Motor Type	Brush-type DC
Voltage	12 VDC

### Charger/Monitor

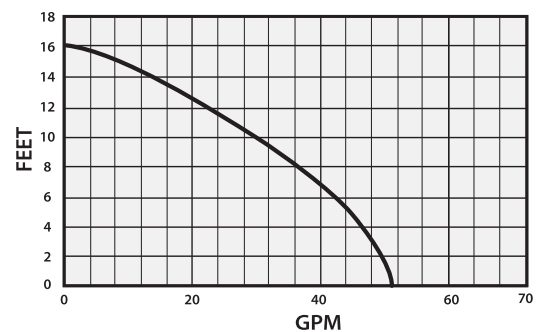
Power Input	115 VAC, 60Hz
Output Voltage/Current	12 VDC 1.6 Amps
Pumping Time:	
B-2200 Battery	60 Hours*
B12-90 Battery	60 Hours*
Intermittent Duty	Days of pumping
Float Switch	Dual micro reed switch with protective cage
Shipping Weight	12.0 lb. (5.4Kg)

\* Run time based on 10% duty cycle. Run times may vary based on flow

## Construction

- Pump housing - non-corrosive ABS
- Impeller - non-corrosive fiber filled
- Stainless steel shaft
- Dual ball bearings

## Flow Chart



## Included with System

- 12 VDC sump pump
- Control unit with fluid sensor
- Dual float switch
- Snap-on Non-Corrosive Screen
- 1-1/2" Pipe adapter
- Battery cap that accommodates fluid sensor
- Battery box