

# PHCC Pro Series 2400 (PHCC-2400) Battery Backup Sump Pump System



## 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 or circuit breaker is tripped
  - Pump is clogged or broken
  - Backup pump has been activated
- Alarm can be silenced during a power outage
- Displays percentage of power remaining in the battery
- Runs pump weekly to test for proper operation
- Can run directly on AC power
- Output terminals for connection to a security system or auto-dialer - Let the system call you
- Accommodates up to two (2) B-2200 batteries for 100 hours of pumping\*
- Designed for use with maintenance or maintenance free batteries

*\* Based on 10% duty cycle. Run times may vary based on inflow of water.*

## Specifications

<b>Pump</b>	
Flow/Amp. Draw @ 10 ft Head	2,400 GPH / 16.0 Amps DC
Max Head	17 ft (5.2 M)
Inlet	Snap-on Non-corrosive ABS Screen
Motor Type	Brush-type
Voltage	DC12 VDC
<b>Charger/Monitor</b>	
Power Input	115 VAC, 60Hz
Output Voltage/Current	12 VDC 13.0 Amps
Pumping Time with B-2200 Battery	50 Hours*
Pumping Time with B12-90 Battery	50 Hours*
Pumping Time - Intermittent Duty	Days of pumping
Float Switch	Dual micro reed switch with protective cage
Shipping Weight	22.0lb. (9.9Kg)
* Based on 10% duty cycle. Run times may vary based on inflow of water.	



## Dimensions

Pump	
Width	9.0" (22.86 cm)
Depth	4.5" (11.45 cm)
Height	8.5" (21.59 cm)

### Construction

1. Pump housing - non-corrosive ABS
2. Impeller - non-corrosive fiber filled
3. Stainless steel shaft
4. Carbon ceramic seal plus additional Buna-N seal
5. Dual ball bearings

### Included with System

1. Control unit with fluid sensor
2. Pump
3. Caged [dual float switch](#)
4. Battery box
5. Battery filler bottle - for easy battery maintenance
6. Battery cap to accommodate fluid sensor

