

# PS-C50 Combination Backup and Primary Pumps

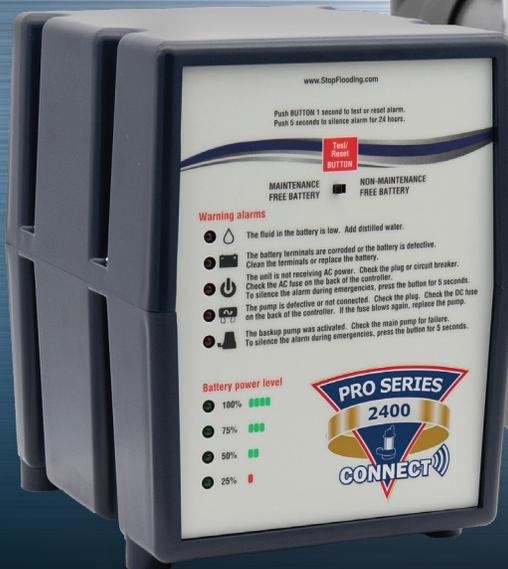


Primary (1/2 HP): 3,900 GPH @ 10'  
Backup: 2,400 GPH @ 10'

## Features

- S3050 Primary: Cast-iron/stainless-steel construction
- Activates pump to exercise and extend pump life
- Pump run time is adjustable
- Can accommodate two (2) standby batteries to double the run time
- USB data port and remote terminal allows the unit to connect to one of many devices

*\* 4-year warranty is available when purchased and installed by a contractor; otherwise the original 3-year warranty is applicable.*



Industrial Grade for the Residential Market

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# PS-C50 Combination Backup and Primary Pumps

## Features

- Preamsembled for quick and easy installation
- Compact footprint fits neatly into most sump pits
- Automatically switches to battery power when AC fails
- Unique monitoring controller detects irregularities, sounds an alarm, and pinpoints problems and solutions on control panel
- Primary pump with energy-efficient PSC motor is continuous-duty rated and water cooled
- Primary pump controller allows for adjustable pump run time and exercises pump weekly to extend pump life
- Dual float switches provide dependable activation for both primary and backup pumps
- Backup will assist primary pump if excessive amounts of water are entering the sump
- Maintains and recharges battery automatically
- Alarm can be silenced during a power outage
- Designed for use with wet cell or AGM/maintenance-free batteries
- USB data port and remote terminals connect to external devices such as a Pro Series CONNECT module, home automation systems or other devices for remote notification

## Backup Pump Monitoring

	PS-C50	PS-C33	PS-C22
<b>Will sound alarm indicating:</b>			
Battery needs water	•	•	•
Battery is old - replace	•	•	•
Battery is discharged	•	•	•
Cable is loose or terminals are corroded	•	•	•
Power, fuse or circuit breaker has failed	•	•	•
Pump has been activated; check the main pump for failure	•	•	•
Automatically tests pump weekly	•	•	•
Backup pump runs off AC power as well as battery power	•	•	
Displays percentage of power remaining in the battery	•	•	

## Connect

The Pro Series CONNECT line of pumps can send email, text, or in-app notification when an issue arises or maintenance is needed.

### Notification with the USB Data Port:

- With USB data port simply plug the Pro Series CONNECT module into your Pro Series 2400 backup system and the module acts as a gateway to the Internet.
  - > Receive specific text or email alerts telling you exactly what is going on with your pump and battery

### Notification with the Remote Terminal

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

**Be in the know when you're on the go!**

## Specifications

Primary Pump	PS-C50	PS-C33	PS-C22
Flow at 10 ft head	3,900	3,000 GPH	2,770 GPH
Max head	33 ft/10 m	30 ft/9.1 m	29 ft/8.8 m
Motor HP	½	⅓	⅓
Voltage	115 VAC, 60 Hz	115V, 60Hz	115V, 60Hz
Amp draw at 10 ft	4.3	4.0	3.8
Backup Pump	PS-C50	PS-C33	PS-C22
Flow at 10 ft head	2,400 GPH	2,400 GPH	1,850 GPH
Voltage	12 VDC	12 VDC	12 VDC
DC current	16 Amps	16 Amps	10–12 Amps
Dimensions	PS-C50	PS-C33	PS-C22
Width	9.75 in/24.8 cm	9.75 in/24.8 cm	9.25 in/23.5 cm
Depth	11 in/27.9 cm	11 in/27.9 cm	11 in/27.9 cm
Height	17.25 in/43.8 cm	17.25 in/43.8 cm	17.25 in/43.8 cm
Weight	47 lb/21.3 kg	43 lb/19.5 kg	32 lb/14.5 kg
Discharge	1.5 in	1.5 in	1.5 in

## Pump Construction

### Primary Pump

- Permanent Split Capacitor (PSC) motor
- Upper and lower sealed ball bearings
- Cast-iron/stainless-steel housing
- Stainless-steel shaft
- Dual carbon ceramic shaft seals plus additional Buna N seal
- Polycarbonate impeller
- Stainless-steel fasteners

### Backup Pump

- Non-corrosive ABS housing
- Stainless-steel shaft and fasteners
- Carbon ceramic seal w/ Buna N seal
- Non-corrosive fiber-filled impeller
- Dual ball bearings

## Included with System

- Pre-assembled:
  - > Primary pump
  - > Backup pump
  - > (3) 1½" no-hub couplings
  - > (2) Threaded check valves with hardware
  - > Sump foot: raises and secures both pumps
- Backup system controller/charger with fluid sensor
- Primary pump: enhanced controller with caged dual float switch (DFC1.5)
- Battery box

Available from: