



COMBINATION BACKUP AND PRIMARY PUMP PS-C50



PRIMARY: ½ HP – 3,900 GPH @ 10ft
BACKUP: 2,400 GPH @ 10ft



PS-C50

Features

S3050 Primary:

- Cast-iron/stainless-steel construction
- Pump runtime is adjustable
- S3050 and 2400: Activates pump to exercise and extend pump life

2400 Backup:

- Can accommodate 2 standby batteries to double the runtime
- USB data port and remote terminal allows the system to connect to various devices
- Includes float stick for adjustable float height

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



www.stopflooding.com/ps-c50-resources/



Industrial Grade for the Residential Market

www.StopFlooding.com

800-991-0466



COMBINATION BACKUP AND PRIMARY PUMP PS-C50

Features

- Preassembled 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 runtime and exercises pump weekly to extend pump life
- Caged 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 maintenance-free AGM or wet-cell batteries
- USB data port and remote terminals connect to external devices such as a Pro Series CONNECT WiFi Module, home-security systems or other devices for remote notification

Backup Pump Monitoring

	PS-C50	PS-C33	PS-C22
Will sound alarm indicating:			
Battery is old - replace	•	•	•
Battery is discharged	•	•	•
Cable is loose or terminals are corroded	•	•	•
Power, fuse or circuit breaker has failed	•	•	•
USB data port (can send specific email, text or push notification)	•	•	•
Remote Terminal (Allows for basic alerts via home security or other dry contact device)	•	•	•
Pump has been activated; check the main pump for failure	•	•	•
Exercises pump weekly to extend pump life	•	•	•
Automatically tests for proper operation	•	•	
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 push notifications when an issue arises or maintenance is needed

Notification with the USB Data Port:

- With USB data port simply plug/attach the Pro Series CONNECT Wifi Module to your Pro Series 2400 backup system and the module will act as a gateway to the Internet
- Receive specific text, email or push notifications telling you exactly what is going on in the home

Notification with the Remote Terminal

- Connects to a home-security 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 @ 10-ft head	3,900 GPH	3,000 GPH	2,770 GPH
Max head	33 ft/10 m	29 ft/8.8 m	29 ft/8.8 m
Motor HP	½	⅓	⅓
Voltage	115 VAC, 60 Hz	115V, 60Hz	115V, 60Hz
Amp draw @ 10 ft	3.8	3.8	4.0
Backup Pump	PS-C50	PS-C33	PS-C22
Flow @ 10-ft head	2,400 GPH	2,400 GPH	1,850 GPH
Voltage	12 VDC	12 VDC	12 VDC
DC current	20 Amps	20 Amps	18 Amps
Dimensions	PS-C50	PS-C33	PS-C22
Width	9.75 in/24.8 cm	9.75 in/24.8 cm	9.75 in/24.8 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
- Two carbon-ceramic seals and one Buna-N seal
- Polycarbonate impeller
- Stainless-steel fasteners

Backup Pump

- Noncorrosive ABS housing
- Stainless-steel shaft and fasteners
- Rulon seal
- Noncorrosive, ABS impeller
- Dual ball bearings

Included with System

Preassembled:

- Primary pump
- Backup pump
- 2 standard 1½" no-hub couplings; 1 long 1½" no-hub coupling
- 2 threaded check valves
- Sump foot raises and secures both pumps
- Custom wye pipe
- Backup system controller/charger
- Primary pump enhanced controller with caged dual float switch (DFC1.5)
- Battery box

Available from: