

BATTERY BACKUP

SPBS SERIES - BATTERY BACKUP SYSTEMS

FEATURES

SPBS-10HF AND SPBS-12HF SERIES

- 12 VDC backup pump
 - Durable non-corrosive pump housing with stainless steel fasteners
 - Easily removed bottom suction screen for serviceability and maintenance
- Diaphragm switch
- Check valve, elbow connector, and pump coupling
- Battery box holds size 27, 12 V deep cycle battery (battery not included)
 - * Recommended 12 VDC deep cycle battery, lead acid or AGM
- Model 506406
 - 12 VDC backup pump
 - 42 gpm (159 lpm) at 0 ft (0 m) and 20 ft (6.1 m) shut-off
 - 10 amp controller/charger/alarm unit
- Model 506407
 - 12 VDC backup pump
 - 53 gpm (201 lpm) at 0 ft (0 m) of lift and 23 ft (7 m) shut-off
 - 12 amp controller/charger/alarm unit



SERIES SPECIFICATIONS

ITEM NO. 506406 - MODEL NO. SPBS-10HF

Charging Unit										
Item No.	Model No.	Volts	Hz	Max Input Amps at 115 VAC	Max Output Amps at 115 VAC	Watts	Cord (ft)	Weight (lbs)	Battery Leads (ft)	
106469	1210HF	115 VAC	60	3	10	345	6'	5	6'	

Backup Pump Switch										
Item No.	Model No.	Volts	Hz	Switch-On Level	Switch-Off Level	Watts	Cord (ft)	Weight (lbs)	Battery Leads (ft)	
105601	RS-12	12 VDC	-	13.5"	9"	-	9'	0.5	-	

Primary Pump													
Item No.	Model No.	Volts	Hz	Amps		Watts	GPM @ Height in Feet			Shut-Off (ft)	PSI	Cord (ft)	Weight (lbs)
				FLA	Start		0'	5'	10'				
106963	2500	12 VDC	-	14	32	168	42	29	20	20'	8.7	6'	6

ITEM NO. 506407 - MODEL NO. SPBS-12HF

Charging Unit										
Item No.	Model No.	Volts	Hz	Max Input Amps at 115 VDC	Max Output Amps at 12 VDC	Watts	Cord (ft)	Weight (lbs)	Battery Leads (ft)	
106486	1212HF	115 VAC	60	3	12	345	6'	5	6'	

Backup Pump Switch										
Item No.	Model No.	Volts	Hz	Switch-On Level	Switch-Off Level	Watts	Cord (ft)	Weight (lbs)	Battery Leads (ft)	
105601	RS-12	12 VDC	-	13.5"	9"	-	9'	0.5	-	

Primary Pump														
Item No.	Model No.	Volts	Hz	Amps		Watts	GPM @ Height in Feet				Shut-Off (ft)	PSI	Cord (ft)	Weight (lbs)
				FLA	Start		0'	5'	10'	15'				
106961	3360	12 VDC	-	15	32	180	53	39	24	13	23'	10	6'	6

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CONTROLLER/CHARGER/ALARM ■

Input: 120 VAC, 3 Amp

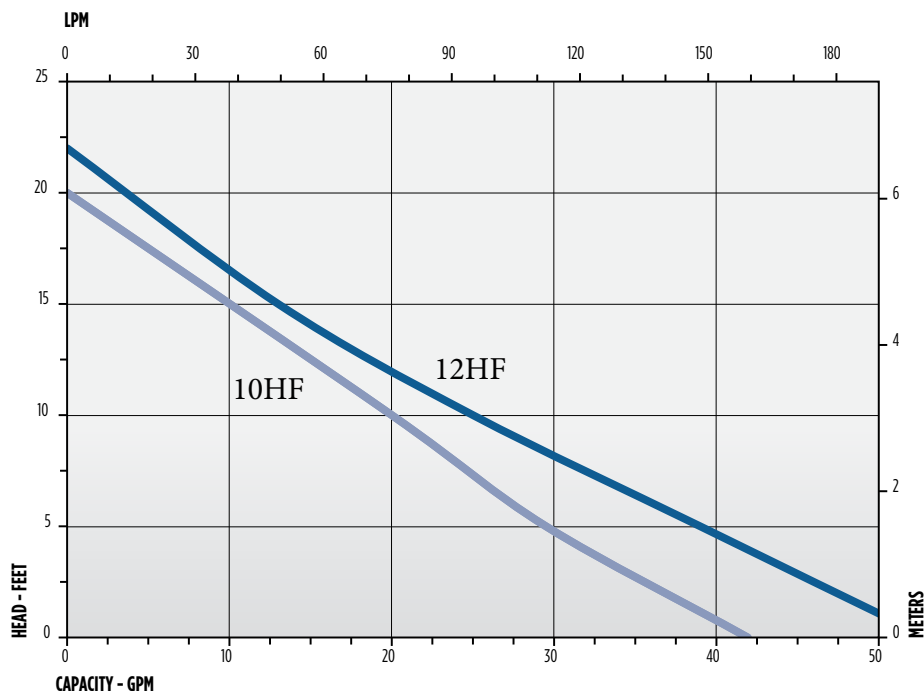
■ Output (Maximum Charging Current):

- Model 1210HF: 12 VDC, 10 Amps with SPBS-10HF and SPBS-10HF-6
- Model 1212HF: 12 VDC, 12 Amps with SPBS-12HF and SPBS-12HF-10

■ Use only with 12 VDC deep cycle battery rated 85-140Ah, lead-acid or AGM

- A controller/charger monitors the battery condition and charges the battery when required. It also alerts the homeowner when the system has operated or when possible flooding conditions exist.
- Microprocessor controlled charging unit maintains a maximum battery charge. Built-in overcharge protection to prevent damage to the battery.
- Battery continually monitored to maintain full charge
- Test button to manually run backup pump to ensure proper operation
- Protects against reverse polarity, short circuits, and input overloads
- Audible alarm during 12 VDC pump operation
- Indicator lights (LED) for:
 - Power On
 - Charging
 - Pump Run
 - High Water
 - Battery Charge Level - Replace Fuse

PERFORMANCE



SPBS-10HF and SPBS-12HF, 12 VDC Backup Sump Pump