

- Stainless steel parts for increased corrosion resistance
- Onboard, 'intelligent' control system
- Effective motor cooling
- Increased submersion depth
- Automatic recovery
- Rapid assessment of pump operation and malfunction history



MATERIALS OF CONSTRUCTION

PUMP PART	MATERIAL
Hose coupling	Stainless steel
Upper cover	Stainless steel
Motor cover	Stainless steel
Bearing house	Stainless steel
Bearing	Ball bearing
Pump casing	Stainless steel
Rotor	Shaft: AISI420ss
Motor body	Stainless steel
Bearing house	Stainless steel
Wear plate	Stainless steel
Mechanical seal	Silicon carbide
Impeller	Stainless steel
Pump body	Stainless steel
Filter	Stainless steel
Handle	Stainless steel; rubber
Cable	4-core submersible cable

IMPORTANT FEATURES

- Offers protection against reverse power surges and impeller jam.
- Auto-stop in event of overload or abnormal voltage. Five minutes recovery.
- Pump cuts out when overheating and automatically restarts after cooling period.
- The motor, pump bodies and wet-end are made of stainless steel for long-lasting durability.
- Greatly increased maximum submersion depth due to the mechanical seal resistant to high pressure (50m).
- The semi-open impeller and wear plate are stainless steel to achieve superior durability.
- Effective motor cooling due to discharge channel as part of motor housing.
- Discharge 50mm to 150mm, motor 1.5kW to 11kW.
- IP68 motor design (hermetically sealed) provides built-in thermal protection.

BATTLESUB SPECIFICATION

- Capacity: up to 147m³/h
- Head: up to 48 meters
- Power: 1.5kW to 11kW
- Three phase 400V & 550V
- Insulation class: F
- Protection class: IP68
- Cable length: 10m (Std)
- Water temperature: up to 40°C
- Max. water depth: 50m
- pH 2 - 10
- Liquids with SG up to 1.1

EASY | COST-EFFECTIVE | RELIABLE

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TECHNOLOGIES

Easy | Cost-Effective | Reliable

PERFORMANCE CURVES

All curves based on clear water performance

MODEL (50hz)	OUTLET mm	MOTOR POWER kW	MAX HEAD m	MAX CAPACITY		NETT WEIGHT kg	ELECTRICAL	
				m ³ /h	m ³ /min		V	A
SBS21.5	50	1.5	22	27	0.45	35.0	400	3.5
							525	2.3
SBS22.2	50	2.2	26	27	0.45	39.0	400	5.0
							525	3.6
SBS32.2	80	2.2	21	50	0.83	38.0	400	5.0
							525	3.6
SBS23.7	50	3.7	34	29	0.48	58.5	400	7.7
							525	5.5
SBS33.7	80	3.7	29	55	0.92	58.8	400	7.7
							525	5.5
SBS35.5	80	5.5	32	70	1.17	65.0	400	11.4
							525	8.1
SBS45.5	100	5.5	23	105	1.75	78.0	400	11.4
							525	8.1
SBS47.5	100	7.5	40	84	1.45	105.0	400	15.0
							525	11.5
SBS67.5	150	7.5	31	124	2.08	106.0	400	15.0
							525	11.5
SBS411	100	11	48	86	1.44	130.0	400	22.5
							525	17.5
SBS611	150	11	32	147	2.45	133.0	400	22.5
							525	17.5

