



A B CORPORATION

Pumps · Motors · Solar Systems

PRODUCT CATALOGUE 2026

Submersible Pumps · Borewell Motors · Solar Pumps · Pumpsets

Power Range: 0.5 HP – 200 HP

ADDRESS

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GST NO.

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ABOUT A B CORPORATION

Trusted manufacturer of pumps and motors — Naroda, Ahmedabad, India

WHO WE ARE	WHO WE SERVE
A B Corporation is an Ahmedabad-based manufacturer specialising in high-performance submersible pumps, borewell motors, solar pump systems, and complete pumpsets. Operating from our dedicated factory in GIDC Phase-1, Naroda, we design and produce products from 0.5 HP to 200 HP — delivering reliable water movement solutions for every scale of application.	Our products serve farmers, construction contractors, municipal bodies, residential societies, and industrial customers across India and five international markets. We export to Iraq, Nepal, Germany, Bangladesh, and Honduras — a testament to the quality and durability of every unit that leaves our facility.

0.5 – 200 HP	4	5	GIDC Naroda
Power Range	Product Lines	Export Markets	Manufacturing Base

OUR STRENGTHS

✓ Full HP Range (0.5–200 HP)	✓ Export-Grade Quality	✓ Factory Tested
✓ Solar Integration (MPPT)	✓ Corrosion Resistant Build	✓ Direct from Manufacturer

PRODUCT CATALOGUE

Complete range — 0.5 HP to 200 HP

01

Solar Pumps

A B Corporation Solar Pumps are purpose-engineered for efficient water lifting using solar energy. Designed for agricultural irrigation, drinking water supply, and community water systems, these pumps operate with high efficiency across a wide range of solar irradiance conditions. MPPT-compatible and built for minimal maintenance in remote and off-grid locations.

POWER RANGE	0.5 HP – 10 HP
POWER SOURCE	Solar PV (DC) / Hybrid (AC+DC)
PUMP TYPE	Submersible / Surface
MOTOR TYPE	Brushless DC (BLDC) / PMSM
HEAD RANGE	Up to 120 metres
DISCHARGE	Up to 25 m ³ /hr
CONTROLLER	In-built MPPT Solar Controller
MATERIAL	Stainless Steel Body, Food-grade components
PROTECTION	Dry-run, Over-voltage, Over-current
STANDARD	BIS / ISO compliant

KEY APPLICATIONS

Agricultural Irrigation · Drip & Sprinkler Systems · Drinking Water Supply · Livestock Watering · Community Tanks

Borewell Motors

Our Borewell Motors are precision-wound for deep borewell installations where reliability and performance are non-negotiable. Featuring hermetic sealing and stainless steel construction, these motors are resistant to corrosion, sand, and aggressive water conditions. Engineered for continuous-duty operation across a wide power range from 0.5 HP to 200 HP.

POWER RANGE	0.5 HP – 200 HP
VOLTAGE	Single Phase 220V / Three Phase 415V, 50 Hz
MOTOR TYPE	Water-Filled / Oil-Filled Submersible
ENCLOSURE	Hermetically Sealed
BODY MATERIAL	SS 304 / SS 316 Stainless Steel
INSULATION	Class F / Class H
BORE SIZE	4" / 6" / 8" / 10" / 12"
MAX. DEPTH	Up to 500 feet
PROTECTION	IP68 rated, Thermal Overload
STANDARD	IS 9283 / ISO 2548

KEY APPLICATIONS

Deep Borewells · Municipal Water Supply · Industrial Process Water · Irrigation Projects · Construction Dewatering

03

Submersible Motors

A B Corporation Submersible Motors are designed for dependable underwater operation in a wide range of water lifting applications. Premium copper windings, double-sealed bearings, and robust insulation ensure consistent performance under varying voltage conditions and extended run times. Available in single-phase and three-phase configurations.

POWER RANGE	0.5 HP – 200 HP
VOLTAGE	Single Phase 220V / Three Phase 415V, 50 Hz
MOTOR TYPE	Squirrel Cage Induction / PMSM
WINDING	100% Electrolytic Copper
BODY MATERIAL	Stainless Steel / Cast Iron (as per model)
INSULATION	Class F
PROTECTION	IP68, Built-in Thermal Protector
BEARING	Double-Sealed, Self-Lubricating
AMBIENT	Up to 40°C water temperature
STANDARD	IS 9283 / BIS Certified

KEY APPLICATIONS

Open Wells · Bore Wells · Sumps & Tanks · Residential Buildings · Hotels & Apartments · Industrial Plants

04

Submersible Pumpsets

Complete motor-pump assemblies from A B Corporation — factory coupled, balanced, and performance-tested before dispatch. Submersible Pumpsets eliminate on-site assembly errors and ensure optimal hydraulic efficiency from day one. Available in V4", V6", V8", and V10" sizes to match borewell diameter and flow requirements.

POWER RANGE	0.5 HP – 200 HP
VOLTAGE	Single Phase 220V / Three Phase 415V, 50 Hz
PUMP STAGES	Single & Multi-Stage (as per head requirement)
IMPELLER	SS 304 / Noryl Glass-Filled Polymer
BODY MATERIAL	Stainless Steel SS 304 / SS 316
HEAD RANGE	10 m – 600 m (model dependent)
DISCHARGE	0.5 m³/hr – 200 m³/hr
SIZES	V4" / V6" / V8" / V10" / V12"
PROTECTION	IP68, Thermal Overload Protection
STANDARD	IS 8034 / ISO 9906 / BIS Certified

KEY APPLICATIONS

Borewell Water Lifting · Agriculture Irrigation · Municipal Water Supply · Residential & Commercial Buildings · Industrial & Process Water · Fire Fighting Systems

PRODUCT RANGE TABLES

Quick reference — all models at a glance

SOLAR PUMPS — MODEL RANGE

MODEL	POWER (HP)	POWER (kW)	VOLTAGE	HEAD (m)	DISCHARGE (m ³ /hr)	TYPE
AB-SP-05	0.5	0.37	220V 1Ø	Up to 30	1.2 – 2.5	Surface/Sub
AB-SP-1	1	0.75	220V 1Ø	Up to 45	2.0 – 4.5	Surface/Sub
AB-SP-2	2	1.5	220V 1Ø	Up to 60	3.5 – 7.0	Submersible
AB-SP-3	3	2.2	415V 3Ø	Up to 75	5.0 – 10.0	Submersible
AB-SP-5	5	3.7	415V 3Ø	Up to 95	8.0 – 15.0	Submersible
AB-SP-7.5	7.5	5.5	415V 3Ø	Up to 110	10.0 – 20.0	Submersible
AB-SP-10	10	7.5	415V 3Ø	Up to 120	15.0 – 25.0	Submersible

BOREWELL MOTORS — MODEL RANGE

MODEL	POWER (HP)	POWER (kW)	PHASE	VOLTAGE	BORE SIZE	MAX DEPTH (ft)
AB-BM-05	0.5	0.37	1Ø	220V	4"	100
AB-BM-1	1	0.75	1Ø	220V	4"	150
AB-BM-2	2	1.5	1Ø	220V	4"	200
AB-BM-3	3	2.2	3Ø	415V	4"	250
AB-BM-5	5	3.7	3Ø	415V	4"/6"	300
AB-BM-7.5	7.5	5.5	3Ø	415V	6"	350
AB-BM-10	10	7.5	3Ø	415V	6"	400
AB-BM-15	15	11.0	3Ø	415V	6"/8"	400
AB-BM-20	20	15.0	3Ø	415V	8"	450
AB-BM-30	30	22.0	3Ø	415V	8"	450
AB-BM-50	50	37.0	3Ø	415V	10"	500
AB-BM-100	100	75.0	3Ø	415V	10"/12"	500
AB-BM-150	150	110.0	3Ø	415V	12"	500
AB-BM-200	200	150.0	3Ø	415V	12"	500

PRODUCT RANGE TABLES (CONTINUED)

SUBMERSIBLE MOTORS — MODEL RANGE

MODEL	POWER (HP)	POWER (kW)	PHASE	VOLTAGE	RPM	INSULATION
AB-SM-05	0.5	0.37	1Ø	220V	2850	Class F
AB-SM-1	1	0.75	1Ø	220V	2850	Class F
AB-SM-2	2	1.5	1Ø	220V	2850	Class F
AB-SM-3	3	2.2	3Ø	415V	2850	Class F
AB-SM-5	5	3.7	3Ø	415V	2850	Class F
AB-SM-7.5	7.5	5.5	3Ø	415V	2850	Class F
AB-SM-10	10	7.5	3Ø	415V	2850	Class F
AB-SM-15	15	11.0	3Ø	415V	2900	Class H
AB-SM-20	20	15.0	3Ø	415V	2900	Class H
AB-SM-30	30	22.0	3Ø	415V	2900	Class H
AB-SM-50	50	37.0	3Ø	415V	2900	Class H
AB-SM-75	75	55.0	3Ø	415V	2900	Class H
AB-SM-100	100	75.0	3Ø	415V	2900	Class H
AB-SM-150	150	110.0	3Ø	415V	2900	Class H
AB-SM-200	200	150.0	3Ø	415V	2900	Class H

SUBMERSIBLE PUMPSETS — MODEL RANGE

MODEL	POWER (HP)	BORE SIZE	STAGES	HEAD (m)	DISCHARGE (m3/hr)	PHASE
AB-PS-05	0.5	V4"	2	15–40	0.5–1.5	1Ø
AB-PS-1	1	V4"	4	25–70	1.0–3.0	1Ø
AB-PS-2	2	V4"	6	40–100	1.5–5.0	1Ø
AB-PS-3	3	V4"	8	60–130	2.5–7.0	3Ø
AB-PS-5	5	V4"/V6"	10	80–180	4.0–12.0	3Ø
AB-PS-7.5	7.5	V6"	12	100–220	6.0–18.0	3Ø
AB-PS-10	10	V6"	14	120–260	8.0–25.0	3Ø
AB-PS-15	15	V6"	16	150–300	10.0–35.0	3Ø
AB-PS-20	20	V8"	18	180–360	15.0–50.0	3Ø
AB-PS-30	30	V8"	20	200–400	20.0–70.0	3Ø
AB-PS-50	50	V10"	22	250–480	30.0–100	3Ø
AB-PS-100	100	V10"	24	300–550	50.0–150	3Ø



AB-PS-200	200	V12"	28	400–600	80.0–200	3Ø
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EXPORT MARKETS

Trusted across Asia, Europe and the Americas

CONTINENT	NO. OF COUNTRIES
Asia	3
Europe	1
Americas	1

CONTACT & ORDER ENQUIRIES

FACTORY ADDRESS	CONTACT DETAILS	BUSINESS INFORMATION
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Note: All specifications are indicative and subject to change without notice. Custom specifications, OEM orders, and project-specific configurations are available on request. Contact our sales team for detailed technical datasheets, selection charts, and pricing. Prices are not listed in this catalogue — please enquire directly for a quotation.