

Brand Model		Type	Flow Rate (L/min)	Power (W)	Max Head (m)	Price (USD)	Weight (kg)	Warranty (Years)	Application
Sun Pumps	SP-1800	Surface Pump	180	1800	45	750	15	2	Irrigation
Solar Water Solutions	SWP-400	Submersible Pump	400	400	30	500	12	3	Livestock
Green Solar	GS-1000	Surface Pump	1000	1000	40	850	20	5	Agriculture
PumpTech	PT-750	Submersible Pump	750	750	25	600	10	2	Garden
EcoFlow	EF-500	Surface Pump	500	500	35	550	18	3	Pond Filling
Sunny Pump	SP-300	Submersible Pump	300	300	20	450	8	1	Household
SolarIQ	SIQ-1200	Surface Pump	1200	1200	50	900	22	4	Irrigation
PowerPump	PP-700	Submersible Pump	700	700	27	650	15	2	Industrial
HydroStar	HS-600	Surface Pump	600	600	34	700	20	3	Water Transfer
Pristine Water	PW-800	Submersible Pump	800	800	28	720	10	4	Home Use
PureFlow	PF-200	Surface Pump	200	200	15	400	5	1	Aquaculture
Sunshine Pumps	SP-950	Submersible Pump	950	950	32	800	16	3	Irrigation
Green Power	GP-1100	Surface Pump	1100	1100	45	800	19	5	Agriculture
WaterWorks	WW-1500	Submersible Pump	1500	1500	55	1200	25	2	Commercial
BrightSun	BS-250	Surface Pump	250	250	18	350	6	1	Fish Farming
Eco Pump	EP-900	Submersible Pump	900	900	29	750	17	4	Rooftop Garden
CleanWater	CW-500	Surface Pump	500	500	35	650	12	2	Emergency Use
SolarStream	SS-400	Submersible Pump	400	400	23	500	10	3	Irrigation
FarmTech	FT-1000	Surface Pump	1000	1000	48	850	20	5	Farming
HydroSolar	HS-700	Submersible Pump	700	700	30	600	12	3	Livestock
AgriPump	AP-300	Surface Pump	300	300	15	400	8	1	Irrigation
FlowMaster	FM-1200	Submersible Pump	1200	1200	50	900	20	4	Agricultural
BlueWater	BW-200	Surface Pump	200	200	10	300	5	1	Watering
AquaBest	AB-800	Submersible Pump	800	800	29	700	15	3	Household
WaterTech	WT-1500	Surface Pump	1500	1500	55	1300	26	2	Commercial
SolarRover	SR-500	Surface Pump	500	500	30	600	14	3	Irrigation
RainFlow	RF-600	Submersible Pump	600	600	28	680	11	2	Rainwater Harvesting
SunnyDays	SD-800	Surface Pump	800	800	38	750	18	5	Swimming Pool
LightWell	LW-400	Submersible Pump	400	400	20	450	10	3	Domestic Use
EarthPump	EP-1200	Surface Pump	1200	1200	55	950	22	4	Irrigation
Efficient Water	EW-200	Submersible Pump	200	200	12	380	6	1	Gardening
FreshWater	FW-1000	Surface Pump	1000	1000	45	800	19	3	Agricultural
FlowSvnc	FS-	Submersible	700	700	35	650	15	2	Livestock

Comprehensive Water Pump Performance Analysis - Q3 2023									
Pump Model	Capacity (L/min)	Type	Performance Metrics			Efficiency & Power			Primary Application
			Flow Rate (L/min)	Head (m)	Power (kW)	Efficiency (%)	Power Consumption (kWh/day)	Water Output (m³/day)	
Sustainable Pump	700	Pump	700	10	5.5	85	132	10500	Domestic
Water Genius	SP-400	Surface Pump	400	5	2.0	78	50	4000	Community
	WG-1500	Submersible Pump	1500	15	18.0	92	432	12000	Irrigation
EcoFlow Pump	EFP-600	Surface Pump	600	8	3.5	82	84	6700	Water Transfer
GreenWave	GW-1100	Submersible Pump	1100	12	11.0	88	264	9000	Agriculture
SunSource	SS-800	Submersible Pump	800	10	8.0	80	192	7200	Rural Water Supply
Harvest Pump	HP-300	Surface Pump	300	3	1.5	75	36	3000	Irrigation
HydroPro	HP-1200	Submersible Pump	1200	18	24.0	90	576	10000	Commercial
SolarSphere	SS-700	Surface Pump	700	7	2.8	83	67	6700	Water Supply
Water Guardian	WG-1500	Submersible Pump	1500	20	30.0	91	720	13000	Agricultural
TerraPump	TP-400	Surface Pump	400	4	1.6	79	39	4800	Irrigation
AquaPulse	AP-1000	Submersible Pump	1000	14	14.0	86	336	9000	Residential
Nature's Pump	NP-600	Surface Pump	600	6	2.4	81	58	6500	Irrigation
SolarHarmony	SH-500	Submersible Pump	500	8	4.0	84	96	5000	Rural Areas
EcoFount	EF-1200	Surface Pump	1200	16	19.2	87	461	9500	Commercial
Sunhill Pumps	SHP-800	Submersible Pump	800	11	13.2	89	317	7000	Residential
FlowKing	FK-200	Surface Pump	200	2	0.8	76	19	3200	Gardening
Natural Water	NW-1500	Submersible Pump	1500	22	39.6	93	882	13000	Irrigation
Radiant Flow	RF-300	Surface Pump	300	3	1.2	77	29	4500	Irrigation
BrightWater	BW-1100	Submersible Pump	1100	17	22.0	89	528	9000	Agriculture
Sunburst Pump	SBP-600	Surface Pump	600	9	4.5	83	108	6500	Water Transfer
Fresh Flow	FF-400	Submersible Pump	400	6	2.4	80	58	4800	Garden
FlowSense	FS-1000	Surface Pump	1000	13	17.0	86	408	8000	Commercial
SunnyTide	ST-700	Submersible Pump	700	9	6.3	85	151	6700	Irrigation
EcoStream	ES-800	Surface Pump	800	7	2.8	82	67	6000	Domestic
Pure Aqua	PA-1500	Submersible Pump	1500	25	45.0	94	1125	12000	Livestock
GreenFlush	GF-1000	Surface Pump	1000	14	14.0	87	336	8000	Agriculture
WaterEco	WE-1200	Submersible Pump	1200	19	28.8	90	691	13000	Commercial
SmartPump	SP-300	Surface Pump	300	3	1.5	78	36	4000	Gardening
GreenRadial	GR-600	Submersible Pump	600	8	4.8	81	115	5500	Irrigation
PeakFlow	PF-800	Surface Pump	800	10	8.0	84	192	6800	Water Supply
HydroLux	HL-1500	Submersible Pump	1500	24	36.0	92	864	15000	Irrigation
SolarActive	SA-200	Surface Pump	200	2	1.0	79	24	3500	Aquaculture
Nature Pumping	NP-800	Submersible Pump	800	12	9.6	83	230	7000	Residential
GreenGuard	SS-1000	Surface	1000	10	10.0	85	240	8000	Agriculture

SunStream	1000	Pump	1000	1000	50	900	22	3	Agriculture
AquaVibe	AV-200	Surface Pump	200	200	15	360	5	1	Home Garden
Greenworks	GW-500	Submersible Pump	500	500	28	480	10	2	Community Supply
SolarFlow	SF-400	Surface Pump	400	400	22	480	10	2	Emergency Use
BlueWave	BW-1500	Submersible Pump	1500	1500	75	1400	30	5	Irrigation
WaterSave	WS-300	Surface Pump	300	300	20	400	9	1	Small Gardens
SolarLift	SL-600	Submersible Pump	600	600	30	500	11	3	Domestic Use
EcoSpray	ES-1200	Surface Pump	1200	1200	60	900	20	4	Commercial
BrightFlow	BF-800	Submersible Pump	800	800	38	690	18	3	Residential
SolarBoost	SB-400	Surface Pump	400	400	25	420	9	1	Aquaculture
GreenGardens	GG-500	Submersible Pump	500	500	32	600	15	2	Irrigation
AquaPower	AP-1000	Surface Pump	1000	1000	50	850	20	5	Agriculture
HydroBoost	HB-700	Submersible Pump	700	700	35	670	14	3	Residential
PureWave	PW-200	Surface Pump	200	200	15	360	5	1	Gardens
EcoPond	EP-800	Submersible Pump	800	800	35	750	18	4	Pond Maintenance
WaterAid	WA-1500	Surface Pump	1500	1500	70	1300	29	2	Commercial
Sustainable Water	SW-300	Submersible Pump	300	300	20	480	10	2	Irrigation
Flowing Water	FW-1200	Surface Pump	1200	1200	48	900	22	4	Agriculture
HydroWave	HW-600	Submersible Pump	600	600	35	670	11	3	Livestock
SolarGrove	SG-800	Surface Pump	800	800	40	750	15	2	Water Supply
GreenWell	GW-1500	Submersible Pump	1500	1500	65	1400	28	5	Irrigation
SunPower Pumps	SPP-400	Surface Pump	400	400	25	420	9	1	Aquaculture
EcoSource	ES-700	Submersible Pump	700	700	32	600	15	3	Domestic Use
NatureFlow	NF-1000	Surface Pump	1000	1000	50	900	20	5	Agriculture
Sunshine Water	SW-250	Submersible Pump	250	250	18	320	6	1	Gardening
GreenHarvest	GH-600	Surface Pump	600	600	30	580	13	2	Water Transfer
WaterHaven	WH-800	Submersible Pump	800	800	35	720	18	4	Residential
Radiant Water	RW-1200	Surface Pump	1200	1200	50	850	20	5	Irrigation
BrightAid	BA-400	Submersible Pump	400	400	25	450	10	3	Community Supply
EcoWave	EW-1500	Surface Pump	1500	1500	70	1300	25	2	Commercial
EcoFriend	EF-500	Submersible Pump	500	500	30	600	15	2	Agriculture
Wetlands Management	WM-600	Surface Pump	600	600	32	650	11	3	Wetland Restoration
ClearWater Systems	CWS-800	Submersible Pump	800	800	38	700	16	4	Aquaculture
WaterRenew	WR-300	Surface Pump	300	300	20	400	8	1	Gardening

SolarWave	SW-1200	Submersible Pump	1200	1200	55	900	20	4	Irrigation
EcoChoice	EC-250	Submersible Pump	250	250	15	340	5	1	Household
SolarSpring	SSP-900	Surface Pump	900	900	45	750	18	3	Domestic Use
BlueStreams	BS-700	Submersible Pump	700	700	32	600	14	2	Rural Areas
HarvestFlow	HF-400	Surface Pump	400	400	28	460	10	2	Community Supply
SolarLake	SL-1500	Submersible Pump	1500	1500	60	1400	29	5	Agriculture
WaterBalance	WB-800	Surface Pump	800	800	35	700	17	3	Residential
TerraFlow	TF-300	Submersible Pump	300	300	15	370	7	2	Livestock
EcoSprings	ES-600	Surface Pump	600	600	34	680	12	4	Irrigation
FlowWave	FW-1000	Submersible Pump	1000	1000	50	800	20	3	Gardening
GreenStreams	GS-400	Surface Pump	400	400	20	480	10	1	Watering
BrightHarvest	BH-1200	Submersible Pump	1200	1200	50	900	22	4	Commercial
EcoSolution	ES-800	Surface Pump	800	800	38	780	18	3	Agricultural
WaterGuard	WG-1500	Submersible Pump	1500	1500	70	1300	25	5	Irrigation
HydroWise	HW-500	Surface Pump	500	500	30	500	9	2	Domestic Supply
EcoSustainable	ES-1000	Submersible Pump	1000	1000	45	850	20	4	Rural Supply
SolarSpringWater	SSW-600	Surface Pump	600	600	35	700	17	3	Community Water
WaterSolutions	WS-300	Submersible Pump	300	300	18	380	8	1	Gardening