

SOLAR SURFACE PUMP



ATL-SP-200-300/25/37

PROFESSIONAL SOLAR PUMPS



FLOW RATE UP TO 2.2 M3/H

SIMPLE INSTALLATION & MAINTENANCE-FREE THANKS TO BRUSHLESS DC MOTOR

HIGH RELIABILITY AND LIFE EXPECTANCY

COST-EFFICIENT PUMPING. 100% STAINLESS STEEL CONSTRUCTION

MOTOR BRUSHLESS, MAINTENANCE-FREE DC MOTOR

OUTLET: STAINLESS STEEL

PUMP BODY: STAINLESS STEEL

MOTOR BODY: STAINLESS STEEL

INTEGRATED MPPT CONTROLLER MANAGING PUMP SYSTEM AND MONITORING OF THE OPERATING STATES

MOUNTED AT SURFACE (NO IMMERSGED ELECTRONIC PARTS)

SOLAR CONTROLLER, WATER LEVEL SENSOR

PROTECTED AGAINST REVERSE POLARITY, OVERLOAD AND HIGH TEMPERATURE

SPEED CONTROL, MAX. PUMP SPEED ADJUSTABLE TO REDUCE FLOW RATE

SOLAR OPERATION: MPPT (MAXIMUM POWER POINT TRACKING) TECHNOLOGY – MAXIMUM EFFICIENCY

COMPARED WITH THE TRADITIONAL ALTERNATING CURRENT MACHINE, THE EFFICIENCY IS IMPROVED 25% BY THE PERMANENT MAGNETISM, DIRECT CURRENT, BRUSHLESS, NON-SENSOR MOTOR

MAX. FLOW RATE 2200 [L/H] MAX. LIFT [M] 37

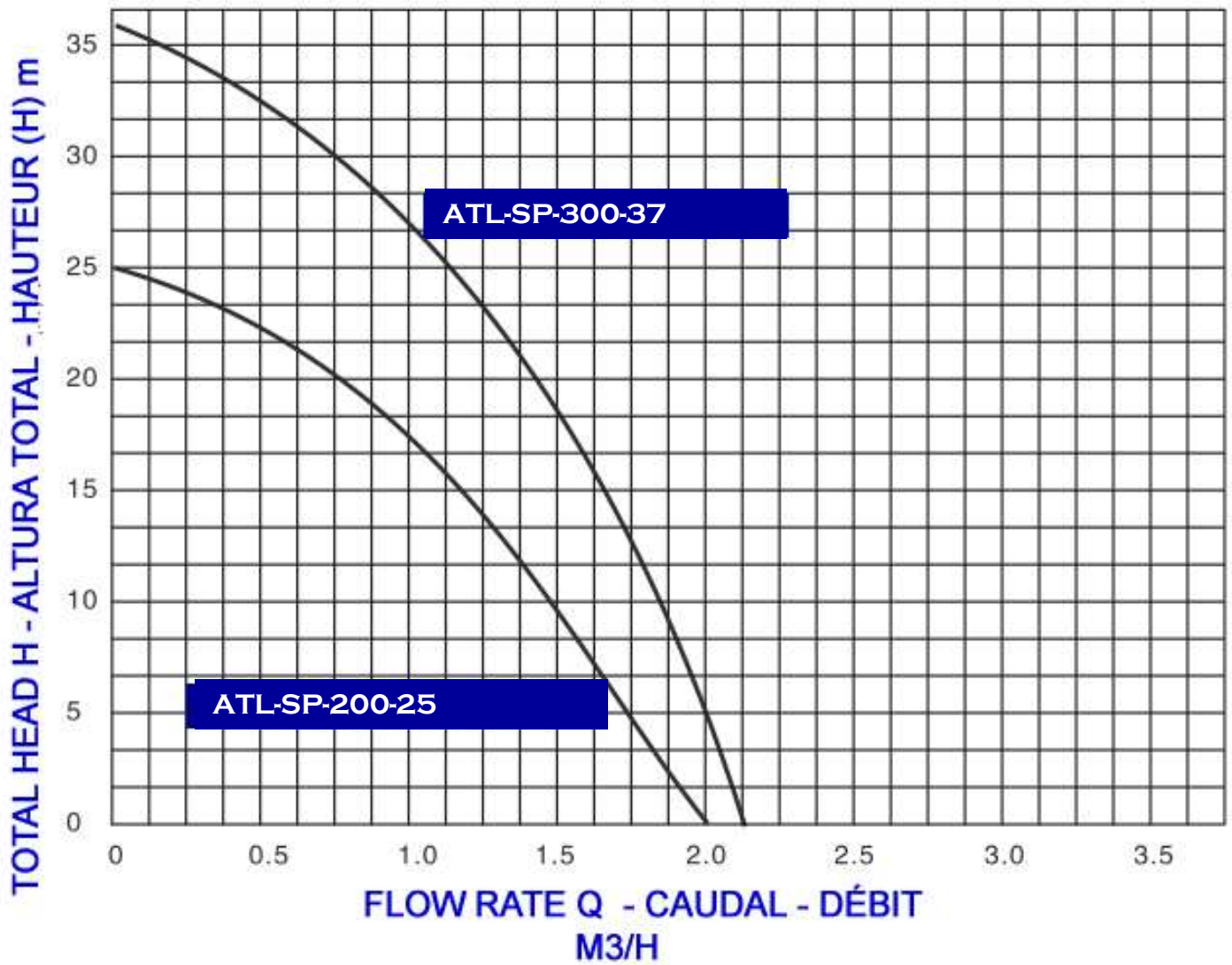
TYPE OF ENCLOSURE IP 54. MAX. WATER TEMPERATURE +60 OC



Model	Voltage	Power	Qmax.	Hmax.	Outlet	Recommended solar power system	Gross weight
ATL-SP200-25	24	200	2.0	25	1"	270	Pump+controller 8 Kg
ATL-SP300-37	48	300	2.2	37	1"	400	10 Kg

Accessories included: integrated solar controller, water level sensor, solar cable, connector

APPLICATIONS: SWIMMING POOL WATER CIRCULATION THROUGH A FILTER SYSTEM AND THERMAL COLLECTORS, POND MANAGEMENT, IRRIGATION, AQUARIUMS, HOUSEHOLD WATER, DEEP WELL WATER, VEHICLES, SHIPS, REVERSE OSMOSIS PURE WATER MACHINES, WATER TREATMENT EQUIPMENT, FILTERS, SPRAYING DEVICES, PURIFICATION EQUIPMENT, COOLING SYSTEMS, ETC.



Self priming solar pumps



ATL-SP-300-500/18/35

PROFESSIONAL SOLAR PUMPS 300/500w DC



Permanent magnet brushless dc motor

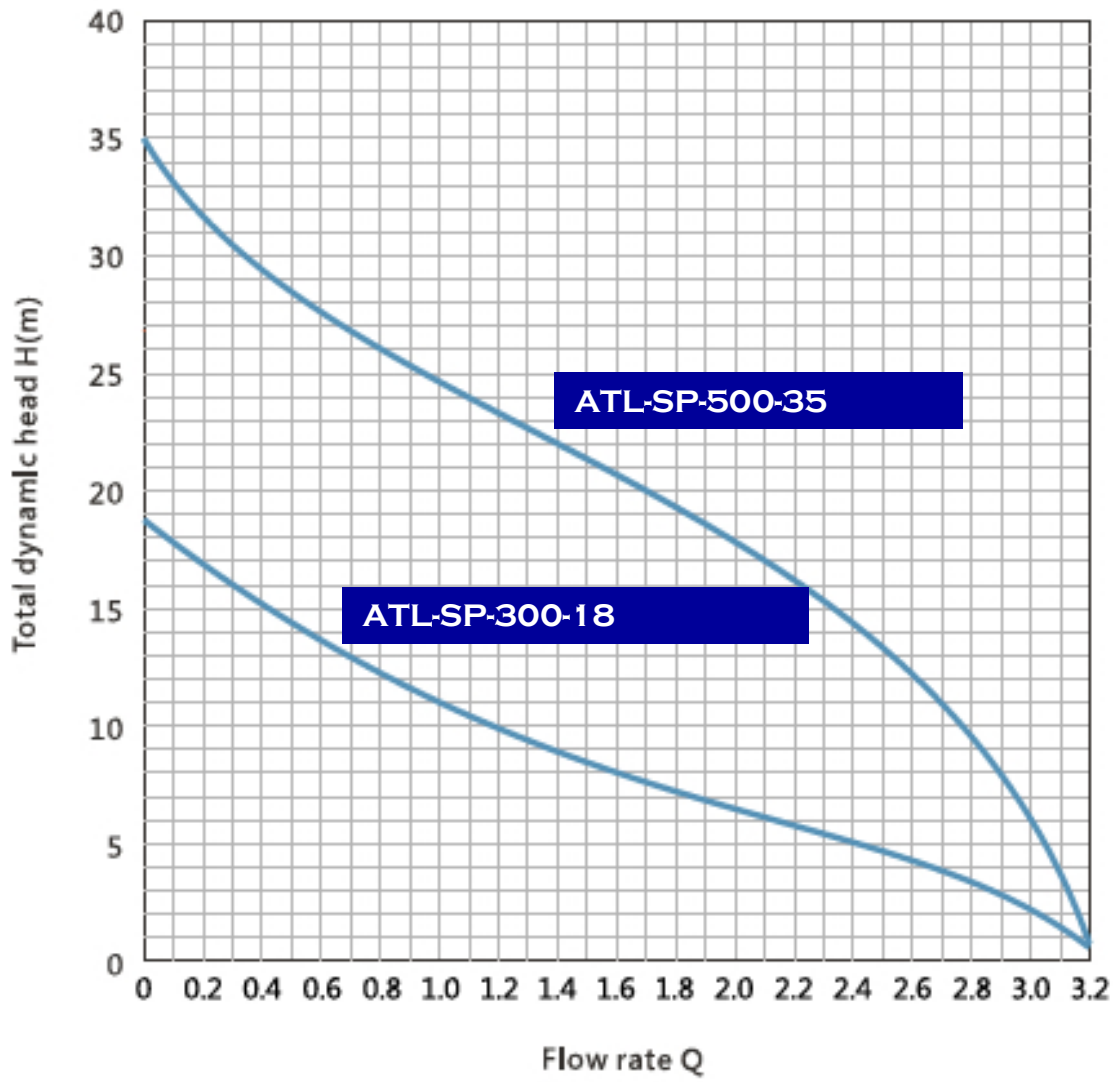
FLOW RATE UP TO 3200 L/HOUR
SIMPLE INSTALLATION & MAINTENANCE-FREE THANKS TO BRUSHLESS DC MOTOR
HIGH RELIABILITY AND LIFE EXPECTANCY
COST-EFFICIENT PUMPING. 100% STAINLESS STEEL CONSTRUCTION

MOTOR BRUSHLESS, MAINTENANCE-FREE DC MOTOR
 OUTLET: STAINLESS STEEL
 PUMP BODY: STAINLESS STEEL
 MOTOR BODY: STAINLESS STEEL
 INTEGRATED MPPT CONTROLLER MANAGING PUMP SYSTEM AND MONITORING OF THE OPERATING STATES
 MOUNTED AT SURFACE (NO IMMERSGED ELECTRONIC PARTS)
 PROTECTED AGAINST REVERSE POLARITY, OVERLOAD AND HIGH TEMPERATURE
 SPEED CONTROL, MAX. PUMP SPEED ADJUSTABLE TO REDUCE FLOW RATE
 SOLAR OPERATION: MPPT (MAXIMUM POWER POINT TRACKING) TECHNOLOGY – MAXIMUM EFFICIENCY
 COMPARED WITH THE TRADITIONAL ALTERNATING CURRENT MACHINE, THE EFFICIENCY IS IMPROVED 25% BY THE PERMANENT MAGNETISM, DIRECT CURRENT, BRUSHLESS, NON-SENSOR MOTOR
 MAX. FLOW RATE 3200 [L/H] MAX. LIFT [M] 35
 MAX. WATER TEMPERATURE +60°C

Model	Voltage	Power	Qmax.	Hmax.	Outlet	Recommended solar power system	Gross weight
ATL-SP300-18	24	300	3200	18	1"	400	14 Kg
ATL-SP500-35	48	500	3200	35	1"	750	18 Kg

Accessories included: integrated solar controller, solar cable, connector

APPLICATIONS: SWIMMING POOL WATER CIRCULATION THROUGH A FILTER SYSTEM AND THERMAL COLLECTORS, POND MANAGEMENT, IRRIGATION, AQUARIUMS, HOUSEHOLD WATER, DEEP WELL WATER, VEHICLES, SHIPS, REVERSE OSMOSIS PURE WATER MACHINES, WATER TREATMENT EQUIPMENT, FILTERS, SPRAYING DEVICES, PURIFICATION EQUIPMENT, COOLING SYSTEMS, ETC.



Solar surface centrifugal pump



ATL-SF07-34-750/ATL-SF03-60-750

PROFESSIONAL SOLAR PUMPS 750w DC / 1HP

**SIMPLE INSTALLATION & MAINTENANCE-FREE
THANKS TO BRUSHLESS DC MOTOR
HIGH RELIABILITY AND LIFE EXPECTANCY
COST-EFFICIENT PUMPING.**

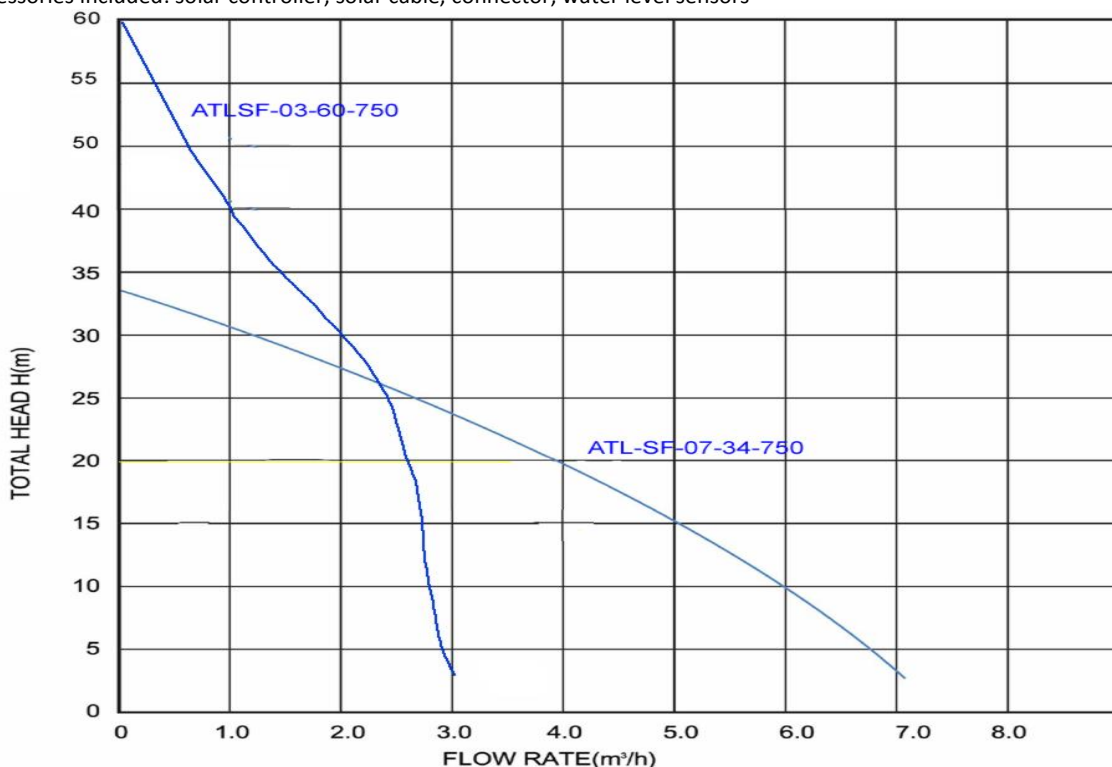
MOTOR BODY: DIE CAST ALUMINUM
MOTOR BRUSHLESS, MAINTENANCE-FREE DC MOTOR
INLET/OUTLET: 304 STAINLESS STEEL
PUMP BODY: 304 STAINLESS STEEL
IMPELLER: 304 STAINLESS STEEL
MPPT CONTROLLER MANAGING PUMP SYSTEM AND
MONITORING OF THE OPERATING STATES
PROTECTED AGAINST REVERSE POLARITY, OVERLOAD
AND HIGH TEMPERATURE
SPEED CONTROL
SOLAR OPERATION: MPPT (MAXIMUM POWER POINT
TRACKING) TECHNOLOGY – MAXIMUM EFFICIENCY
COMPARED WITH THE TRADITIONAL ALTERNATING
CURRENT MACHINE, THE EFFICIENCY IS IMPROVED 25%
BY THE PERMANENT MAGNETISM, DIRECT CURRENT,
BRUSHLESS, NON-SENSOR MOTOR. DRY RUNNING
PROTECTION
MAX. WATER TEMPERATURE +60°C



Model	Rated power Watts	Rated voltage (Vdc)	Max flux (Liters/h)	Max pump Head (m)	Max.suction Head (m)	Outlet	Recommend solar panel	Weight (Kg) Pump+controller
ATL-SF07-34-750	750	72	7000	34	8	1.25"	4* 300wh solar panels	20
ATL-SF03-60-750	750	72	3000	60	8	1"	4 * 300wh solar panels	20

APPLICATIONS: SWIMMING POOL WATER CIRCULATION THROUGH A FILTER SYSTEM AND THERMAL COLLECTORS, POND MANAGEMENT, IRRIGATION, AQUARIUMS, HOUSEHOLD WATER, DEEP WELL WATER, VEHICLES, SHIPS, REVERSE OSMOSIS PURE WATER MACHINES, WATER TREATMENT EQUIPMENT, FILTERS, SPRAYING DEVICES, PURIFICATION EQUIPMENT, COOLING SYSTEMS, ETC.

Accessories included: solar controller, solar cable, connector, water level sensors



Solar direct water pumps surface mount



ATL-SF17-15-500/ATL-SF21-19-900/ATL-SF31-19-1200

PROFESSIONAL SOLAR PUMPS 0.67HP/1.2HP/1.6HP

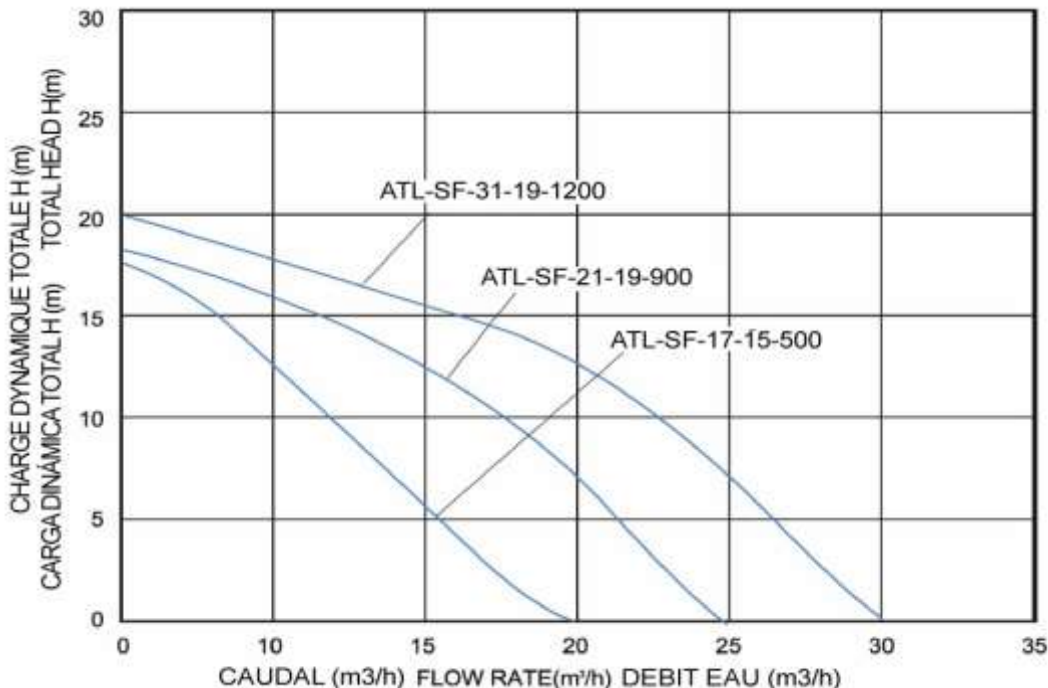


Simple installation & maintenance-free thanks to brushless dc motor
 High reliability and life expectancy
 Cost-efficient pumping.
 Motor body: die cast aluminum
 Screw: 316 stainless steel
 Motor brushless, maintenance-free dc motor.
 No inverters required for running by solar energy. Long life span
 Mppt technology solar controller managing pump system and monitoring of the operating states
 Protected against reverse polarity, overload, low voltage, dry running and high temperature
 Solar operation: mppt (maximum power point tracking) technology – maximum efficiency
 Compared with the traditional alternating current machine, the efficiency is improved 25% by the permanent magnetism, direct current, brushless, non-sensor motor.
 Max. Water temperature +60°C

Model	Rated power Watts	HP	Rated voltage (Vdc)	Max flux (Liters/h)	Max pump Head Meters/feet	Max.suction Head (m)	Outlet	Recommend solar panel	Weight (Kg) Pump+controller
ATL-SF17-15-500	500	0.67	48	17000	15m / 49ft	5	2"	4 * 200wh solar panels	20
ATL-SF21-19-900	900	1.2	72	21000	19m / 62ft	6	2"	4 * 300wh solar panels	22
ATL-SF31-19-1200	1200	1.6	72	31000	19m / 62ft	6	2.5"	6 * 270wh solar panels	27

APPLICATIONS: SWIMMING POOL WATER CIRCULATION THROUGH A FILTER SYSTEM AND THERMAL COLLECTORS, POND MANAGEMENT, IRRIGATION, AQUARIUMS, HOUSEHOLD WATER, VEHICLES, SHIPS, REVERSE OSMOSIS PURE WATER MACHINES, WATER TREATMENT EQUIPMENT, FILTERS, SPRAYING DEVICES, PURIFICATION EQUIPMENT, WATER COOLING SYSTEMS, ETC.

Accessories included: solar controller Mppt, water level sensors, heat shrinkable, connectors



DC solar surface water pumps



ATL-SF23-42-1800/ATL-SF23-60-2200/ATL-SF23-90-3000

PROFESSIONAL PUMPS WITH DC MOTOR 2.4CV/3CV/4CV

Ideal model for irrigation and water pumping in agriculture, sprinkler irrigation, drip irrigation, water circulation, etc. Easy and maintenance-free installation thanks to the brushless DC motor. High reliability and long life for affordable pumping in remote areas without electricity

Body of the engine: die-cast aluminum.

Output: stainless steel. Pump body: stainless steel

Brushless motor in continuous current, no maintenance. These modern solar pumps do not require inverters to operate on solar energy; can be connected directly to solar panels

Solar Mppt technology controller that manages the pumping system and monitors operating states. System protected against reverse polarity, overload, low voltages, dry operation and high temperatures

Solar operation: maximum power point tracking technology - maximum efficiency

Compared to a traditional AC pump, the efficiency is improved by 25% thanks to permanent magnetism, direct current, brushless motor and sensor less. Max. Water temperature 60°C.



Model	Motor (watts)	HP/CV	Voltage (Vdc)	Max. Q (Litres/h)	Max. total head (metres / feet)	Suction (m)	Outlet	Recommended solar system	Gross weight(Kg) (without solar panels)
ATL-SF23-42-1800	1800	2.4	168	23000	42m / 138ft	8	2"	2500Wh	25
ATL-SF23-60-2200	2200	3.0	192	23000	60m / 197ft	8	2"	3000Wh	28
ATL-SF23-90-3000	3000	4.0	216	23000	90m / 295ft	8	2"	3900Wh	35

Accessories supplied with the pump: Mppt solar controller, water level sensors, cable connector

APPLICATIONS: WATER CIRCULATION, STORAGE ADMINISTRATION, IRRIGATION SYSTEMS , AQUARIUMS, HOME WATER, VEHICLES, VESSELS, PURE WATER MACHINERY, WATER TREATMENT EQUIPMENT, SPRAY EQUIPMENT, PURIFICATION EQUIPMENT, WATER TREATMENT SYSTEMS COOLING ETC...

