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# DC SOLAR PUMP PRODUCT CATALOG



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Professional DC Solar Pump Manufacturer





**DC SOLAR PUMP** NO CONTROLLER



# DC SOLAR PUMP

DIRECT DC  
SOLAR WATER PUMP  
CONTROLLER NOT REQUIRED



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# DC SOLAR PUMP NO CONTROLLER

Solar Pumping systems work anywhere the sun shines. Pumping water is a sensible and effective use of solar electric power. During the hot months when water requirements are highest, a solar pump will provide a reliable water source for a farm.

A solar pumping system is available for almost all applications where an electric pump can be used. Because solar energy varies from one location to another, and over the course of a day, system design is important. Adequate water storage ensures that water is available whenever needed, and balances daily variations in water supply and demand, thus a small pump only running when the sun shines, plus water storage, can often provide all that is required for water supply.

## 1. Irrigation

A solar water pump is an ideal tool for farmers. They can move or transfer water from nearby sources such as lake or rivers to irrigate the crops using solar water pump

Farmers and avid gardeners will be able to save on their irrigation budget for using solar water pump, instead of fuel-powered pumps.

## 2. Livestock

Ranch owners can also benefit a lot from using solar water pump. They can provide water for their animals in a cost-effective and easy way. The solar water pump can generate water from deep wells, streams, pond, and even pipelines.

## 3. Garden Fountains

Aside from functional purposes, a solar water pump can also be used as a cost-effective way to generate water for your garden fountains. Many household owners use their water pumps as fountains which give the house a different yet refreshing ambiance. You will be able to save a huge amount of energy, especially if you want your water fountains work for several hours a day. In fact, you can turn it on continuously and not worry about paying huge power bills.

## 4. Home Supply

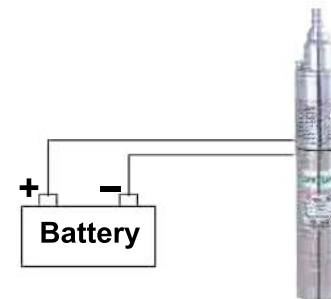
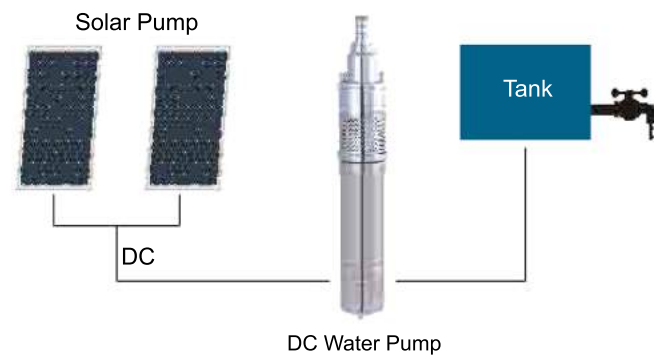
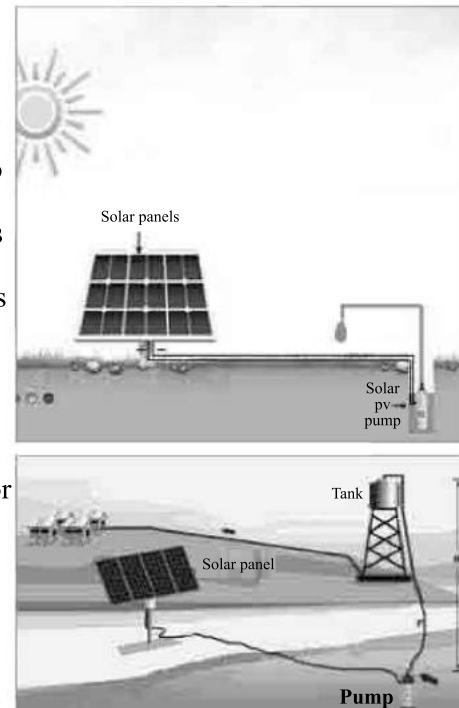
Many environmentalists agree that using solar water pump at home is one of the best ways to go "green." For domestic water use, a booster pump should be used especially if the water source is shallow.

## 5. Large Scale Watering System for Commercial Establishments

Solar Water pump is now also being used in huge cities. Various large establishments such as hotels, apartments, condominiums and even government buildings implement solar water pumps in order to save on their power expenses.

## 6. Water Treatment Systems

In areas where the quality of water is very poor, government and private companies use water purification process which requires water pumping. Solar water pumps can be used as a cost-effective substitute for fuel-powered pumping machines.

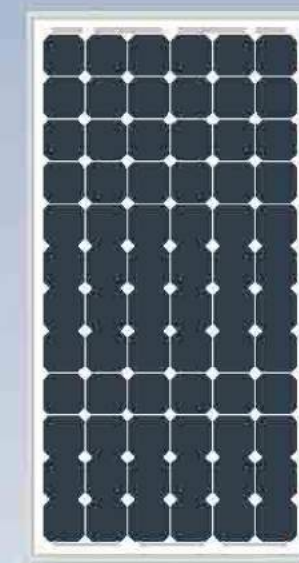


If the pump also needs to work during the night, rain, or even in cloudy and rainy day, you need battery.  
**NOTE: THE POSITIVE AND NEGATIVE ELECTRODES, PROHIBIT CONNECTED TO THE WRONG**

# DC SOLAR PUMP NO CONTROLLER



## DC SOLAR PUMP The 1st Generation



# DC SOLAR PUMP NO CONTROLLER



**DIRECT DC  
SUBMERSIBLE SOLAR WATER PUMP  
CONTROLLER NOT REQUIRED**

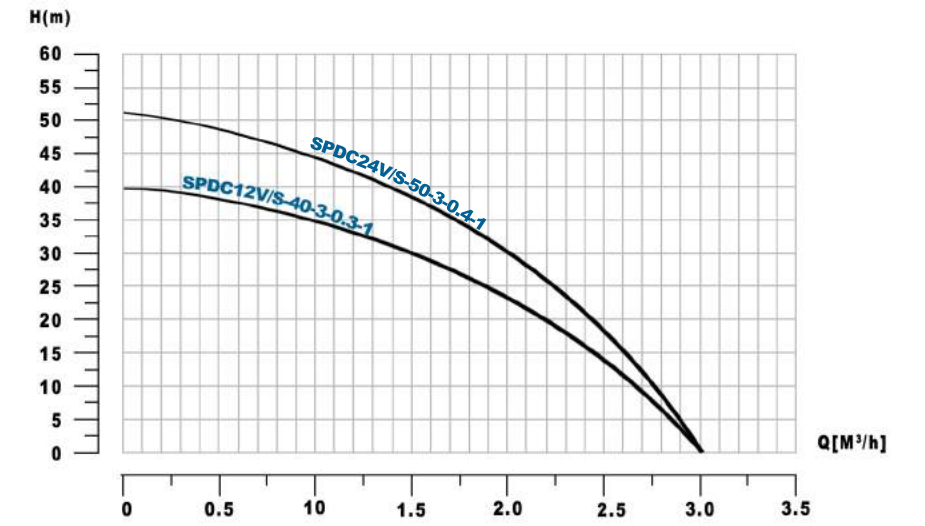


Pump type	Item no.	Voltage	Current	Power	Outlet	Max Flow	Max Head	Cable
SCREW PUMP	SPDC 12V/S-40-3-0.3-1	12V	25A	300W	25MM	793 gal/hr	131 ft	20
	SPDC 24V/S-40-3-0.3-1	24V	13A	300W	25MM	793 gal/hr	131 ft	20
	SPDC 24V/S--50-3-0.4-1	24V	17A	400W	25MM	793 gal/hr	164 ft	20
IMPELLER PUMP	SPDC12V/I-20-3-0.25-1	12V	20A	250W	25MM	793 gal/hr	66 ft	20
	SPDC 12V/I-30-3-0.3-1	12V	25A	300W	25MM	793 gal/hr	98 ft	20
	SPDC 24V/I-40-3-0.4-1	24V	17A	400W	25MM	793 gal/hr	131 ft	20
	SPDC 24V/I-50-3-0.6-1	24V	25A	600W	25MM	793 gal/hr	164 ft	20
	SPDC 36V/I-60-3-0.7-1	36V	20A	700W	25MM	793 gal/hr	197 ft	20
	SPDC 48V/I-90-3-1.0-1	48V	20A	1000W	25MM	793 gal/hr	295 ft	20
	SPDC 48 V/I-30-6-0.8-2	48V	17A	800W	50MM	793 gal/hr	98 ft	20
	SPDC 48 V/I 50-6-1.1-2	48V	23A	1100W	50MM	793 gal/hr	164 ft	30
SPDC 60 V/I-80-6-1.2-2	60V	20A	1300W	50MM	793 gal/hr	262 ft	30	

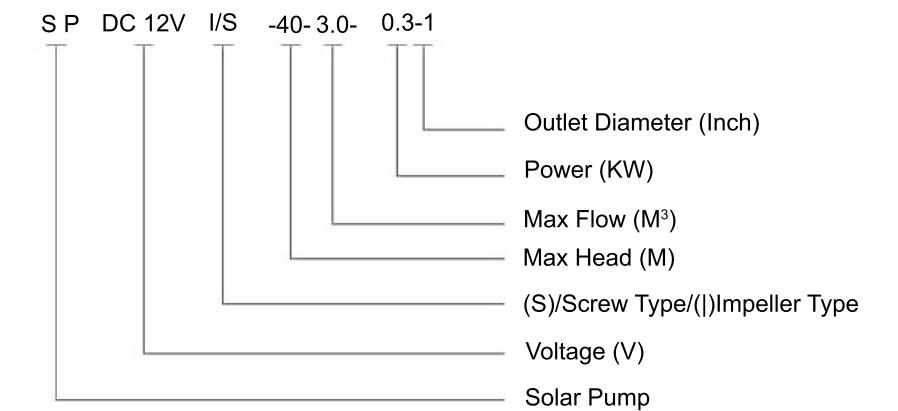
# DC SOLAR PUMP NO CONTROLLER



**SCREW PUMP**



MODEL INSTRUCTION



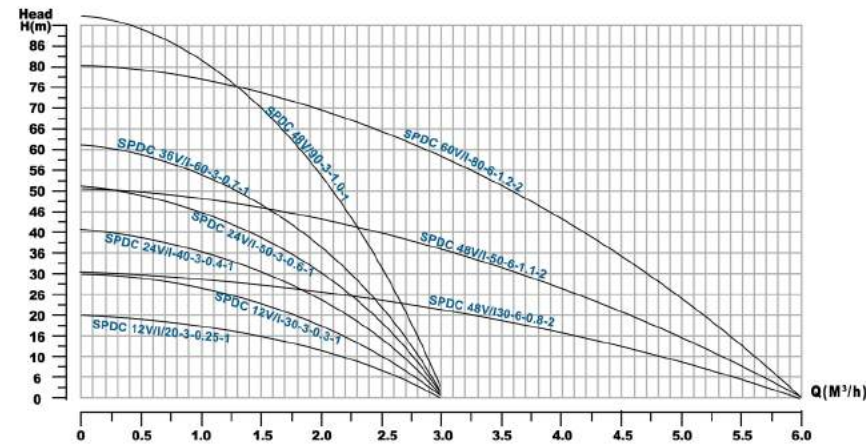
PUMP PERFORMANCE

Pump type	Item no.	Voltage	Current	Power	Outlet	Max Flow	Max Head	Cable
SCREW PUMP	SPDC 12V/S-40-3-0.3-1	12V	25A	300W	25MM	793 gal/h	131 ft	20
	SPDC 12V/S-40-3-0.3-1	24V	13A	300W	25MM	793 gal/h	131 ft	20
	SPDC 24V/S-50-3-0.4-1	24V	17A	400W	25MM	793 gal/h	164 ft	20

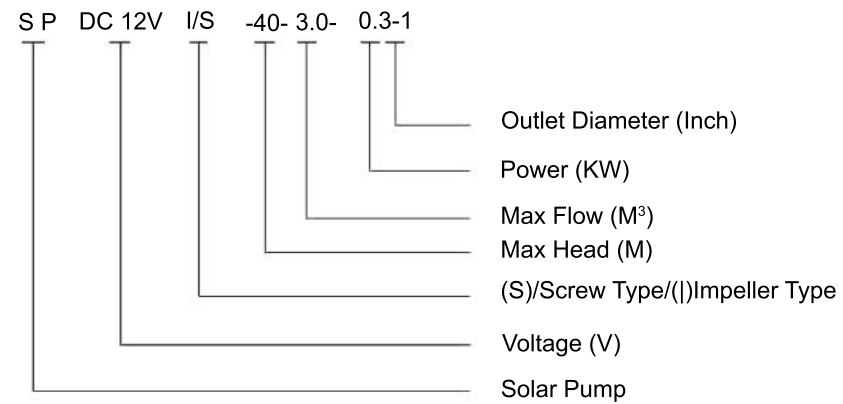




IMPELLER PUMP



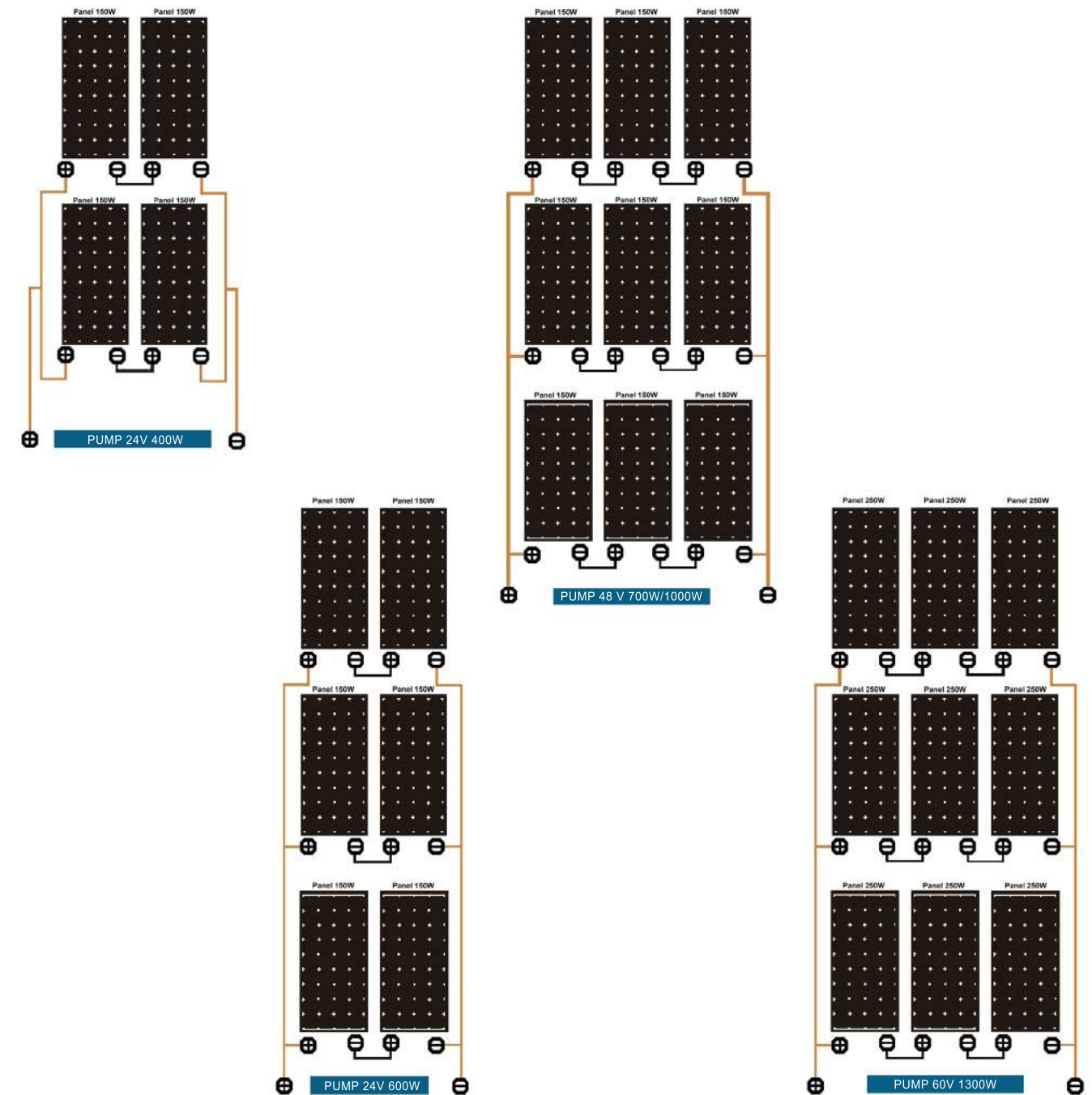
MODEL INSTRUCTION



Pump type	Item no.	Voltages	Current	Power	Outlet	Max Flow	Max Head	Cable
IMPELLER PUMP	SPDC 12V/I-20-3-0.25-1	12V	20A	250W	25MM	793 gal/hr	66 ft	20
	SPDC 12V/I-30-3-0.3-1	12V	25A	300W	25MM	793 gal/hr	98 ft	20
	SPDC 24V/I-40-3-0.4-1	24V	17A	400W	25MM	793 gal/hr	131 ft	20
	SPDC 24V/I-50-3-0.6-1	24V	25A	600W	25MM	793 gal/hr	164 ft	20
	SPDC 36V/I-60-3-0.7-1	36V	20A	700W	25MM	793 gal/hr	197 ft	20
	SPDC 48V/I-90-3-1.0-1	48V	20A	1000W	25MM	793 gal/hr	295 ft	20
	SPDC 48V/I-30-6-0.8-2	48V	17A	800W	50MM	1585 gal/hr	98 ft	20
	SPDC 48V/I-50-6-1.1-2	48V	23A	1100W	50MM	1585 gal/hr	164 ft	30
	SPDC 60V/I-80-6-1.2-2	60V	20A	1300W	50MM	1585 gal/hr	262 ft	30



SOLAR PANEL CONNECTION FOR THE 1st GENERATION SOLAR PUMPS



**DC SOLAR PUMP** NO CONTROLLER



# DC SOLAR PUMP

## The 2nd Generation

High Energy Efficiency  
Long Lifetime  
Series Connection

**NEW**



**DC SOLAR PUMP** NO CONTROLLER



## THE 2nd GENERATION

DIRECT DC

SUBMERSIBLE SOLAR WATER PUMP

CONTROLLER NOT REQUIRED

**NEW**



300W/400W

300W/400W/600W

1000W

Pump type	Item no	Voltage	Current	Power	Outlet	Max Flow	Max Head	Cable	Connection Mode
SCREW PUMP	SYDC 30V/S-30-3-0.3-1	30V	8.3A	250W	25MM	793 GAL/H	98 FT	20	Series Connection
	SYDC 36V/S-40=3-0.3-1	36V	7A	300W	25MM	793 GAL/H	131 FT	20	
	SYDC 48V/S-60-3-0.4-1	48V	8A	400W	25MM	793 GAL/H	197 FT	20	
	SYDC 48 V/S-60-3-0.4-1	48V	8A	400W	25MM	793 GAL/H	197 FT	20	
	SYDC 60V/S-70-3-0.6-1	72V	8.3A	600W	25MM	793 GAL/H	230 FT	20	
IMPELLER PUMP	SYDC 30V/I-20-3-0.25-1	30V	8.3A	250W	25MM	793 GAL/H	66 FT	20	
	SYDC 36V/I-30-3-0.3-1	36V	8.3A	300W	25MM	793 GAL/H	98 FT	20	
	SYDC 48V/I50-3-0.4-1	48V	8A	400W	25MM	793 GAL/H	164 FT	20	
	SYDC 72V/I-60-3-0.6-1	72V	8.3A	600W	25MM	793 GAL/H	197 FT	20	
	SYDC 96V/I-70-3-0.7-1	96V	7.3A	700W	25MM	793 GAL/H	230 FT	20	

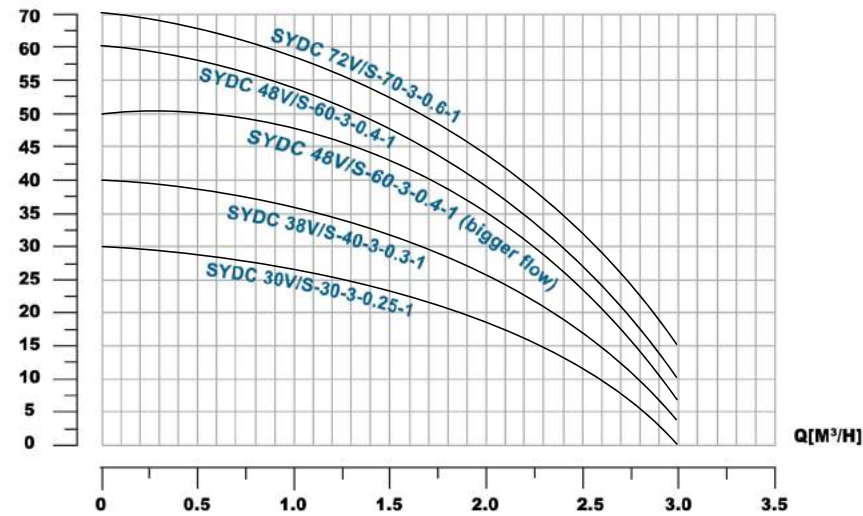
Pump type	Item no	Voltage	Current	Power	Outlet	Performance Head	Performance Flow	Cable	Connection Mode
IMPELLER PUMP	SYDC 120V/I-70-2.0-1.1-1	120V	8.3A	1100W	25MM	528 GAL/H	230 FT	20	Series Connection
	SYDC 120V/I-40-3.5-1.0-2	120V	8.3A	1000W	50MM	925 GAL/H	131 FT	20	
	SYDC 180V/I-20-8.0-1.2-2	180V	6.7A	1200W	50MM	2113 GAL/H	66 FT	20	



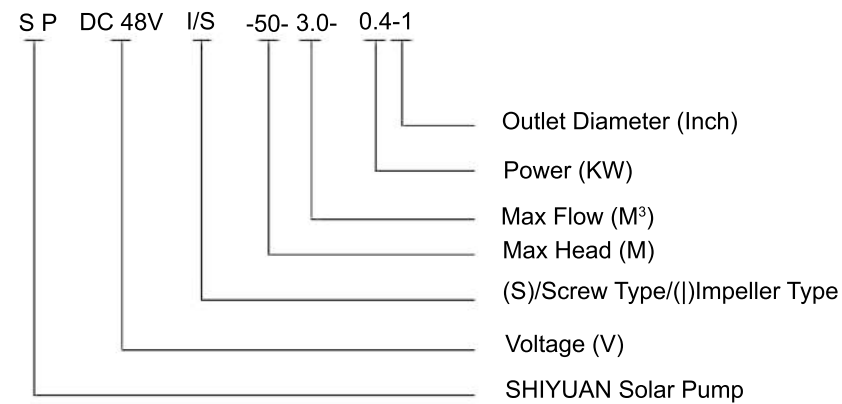


THE 2nd GENERATION

SCREW PUMP



MODEL INSTRUCTION



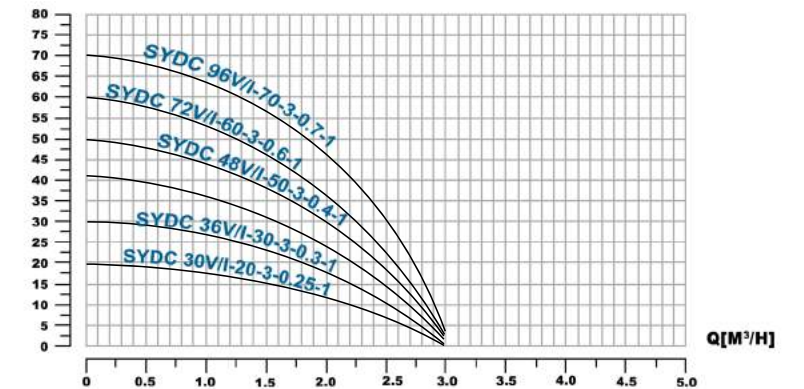
PUMP PERFORMANCE

Pump type	Item no	Voltage	Current	Power	Outlet	Max Flow	Max Head	Cable	Connection Mode
SCREW PUMP	SYDC 30V/S-30-3-0.3-1	30V	8.3A	250W	25MM	793 GAL/H	98 FT	20	Series Connection
	SYDC 36V/S/40-3-0.3-1	36V	7A	300W	25MM	793 GAL/H	131 FT	20	
	SYDC 48V/S-60-3-0.4-1	48V	8A	400W	25MM	793 GAL/H	197 FT	20	
	SYDC 48V/S-60-3-0.4-1	48V	8A	400W	25MM	793 GAL/H	197 FT	20	
	SYDC 60V/S-70-3-0.6-1	72V	8.3A	600W	25MM	793 GAL/H	230 FT	20	



THE 2nd GENERATION

IMPELLER PUMP



DIRECT DC  
SUBMERSIBLE SOLAR WATER PUMP  
CONTROLLER NOT REQUIRED

PUMP FEATURES

- 100% COOPER WIRE
- HIGH ENERGY EFFICIENCY
- LONG LIFETIME
- SERIES CONNECTION

Pump type	item no	Voltage	Current	Power	Outlet	Max Flow	Max Head	Cable	Connection Mode
IMPELLER PUMP	SYDC 30V/I-20-3-0.25-1	30V	8.3A	250W	25MM	793 GAL/H	66 FT	20	Series Connection
	SYDC 36V/I-30-3-0.3-1	36V	8.3A	300W	25MM	793 GAL/H	98 FT	20	
	SYDC 48V/I-50-3-0.4-1	48V	8A	400W	25MM	793 GAL/H	164 FT	20	
	SYDC 72V/I-60-3-0.6-1	72V	8.3A	600W	25MM	793 GAL/H	164 FT	20	
	SYDC 96V/I-70-3-0.7-1	96V	7.3A	700W	25MM	793 GAL/H	230 FT	20	



**THE 2nd GENERATION  
DIRECT DC  
SUBMERSIBLE SOLAR WATER PUMP  
CONTROLLER NOT REQUIRED**

**PUMP APPLICATION**

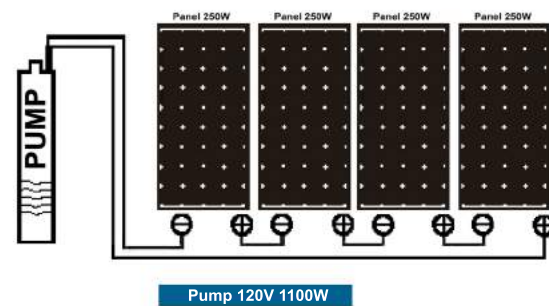
- IRRIGATION
- LIVE STOCK
- GAARDEN FOUNTAINS
- HOME SUPPLY
- LARGE SCALE WATERING SYSTEM FOR COMMERCIAL ESTABLISJMENTS SOLAR
- WATER TREATMENT SYSTEMS

DC SOLAR WATER PUMP USED WITHOUT CONTROLLER,  
IT CAN WORK DIRECTLY WITH BATTERY AS WELL

**NEW**



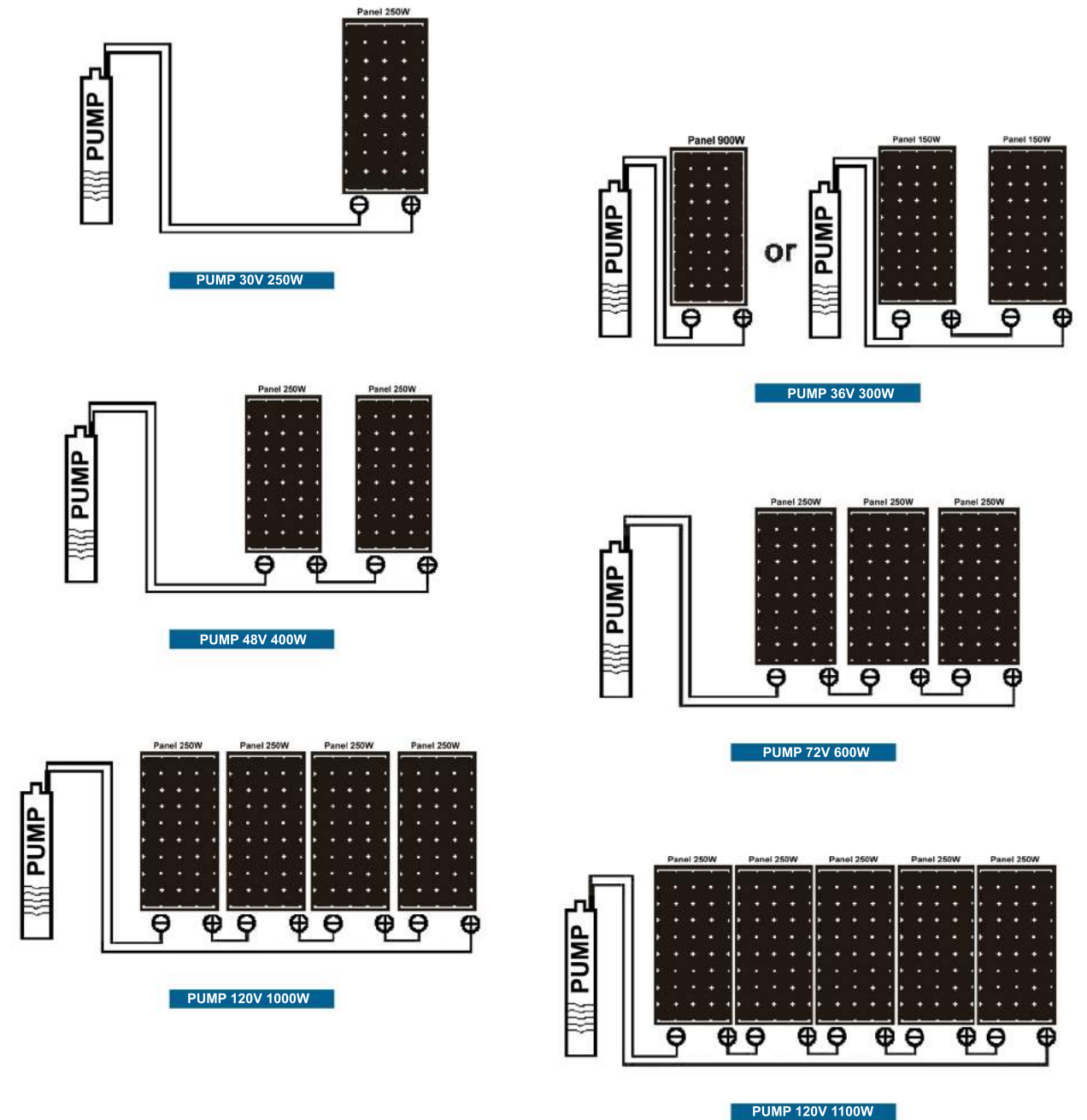
1000W/1100W/1200W



Pump type	Item no.	Voltage	Current	Power	Outlet	Performance Head	Performance Flow	Cable	Connection Mode
IMPELLER PUMP	SYDC 120V/I-70-2.0-1.1-1	120V	8.3A	1100W	25MM	528 GAL/H	230 FT	20	Series Connection
	SYDC 120V/I-40-3.5-1.0-2	120V	8.3A	1000W	50MM	925 GAL/H	131 FT	20	
	SYDC 180V/I-20-8.0-1.2-2	180V	6.7A	1200W	50MM	2113 GAL/H	66 FT	20	



**SOLAR PANEL CONNECTION FOR  
THE 2nd GENERATION SOLAR PUMPS  
SERIES CONNECTION**

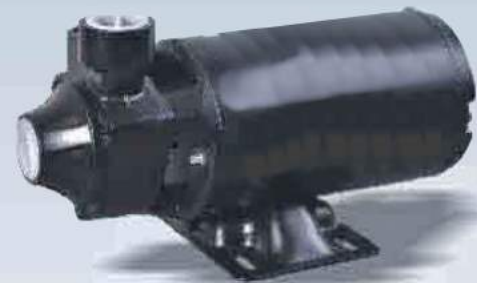
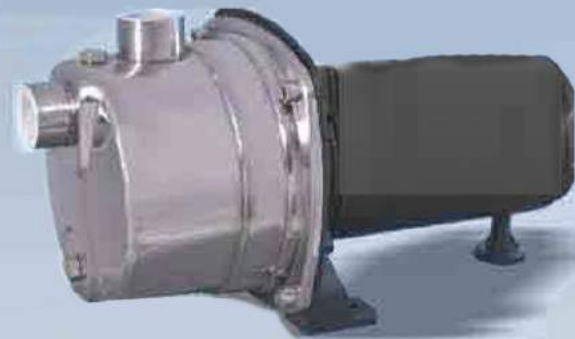






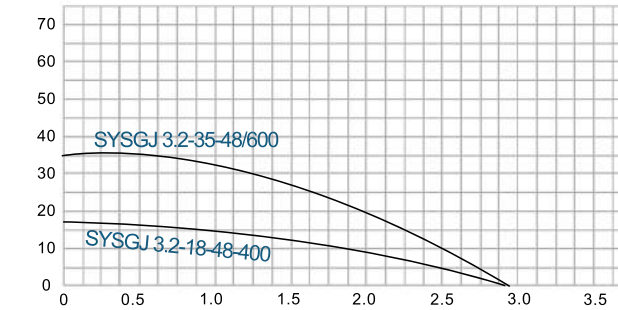
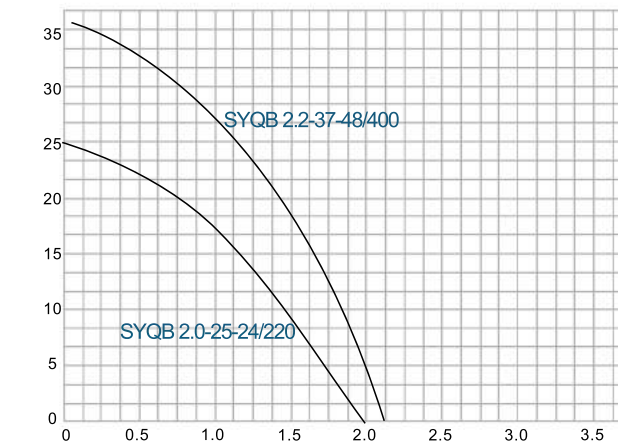
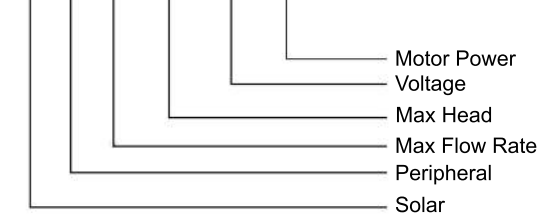


# DC SOLAR PUMP



MODEL INSTRUCTION

SYQB 2.0-25-24 / 220



PUMP PERFORMANCE

Model	Voltage V	Power W	Max Flow Rate gal/h	Max Head ft	Inlet/Outlet in
SYQB 2.0-25-24/220	24	220	528	82	1" x 1"
SYQB 2.2-37-48/400	48	400	581	121	1" x 1"
SYSGJ 3.2-18-48/400	48	400	845	59	1" x 1"
SYSGJ 3.2-35-48/600	48	600	845	115	1" x 1"



# DC SOLAR PUMP NO CONTROLLER



Model		SYQDX 1.5-15-0.37
OUTPUT POWER	kw	0.37
	hp	0.5
VOLTAGE (V)		48
CURRENT (A)		8
PERFORMANCE FLOW (m³/h)		1.5
PERFORMANCE HEAD (m)		15
OUTLET (in)		1



Model		SYQDX 3-18-0.55
OUTPUT POWER	kw	0.55
	hp	0.8
VOLTAGE (V)		72
CURRENT (A)		8
PERFORMANCE FLOW (m³/h)		3
PERFORMANCE HEAD (m)		18
OUTLET (in)		1



Model		SYQDX 1.5-32-0.75
OUTPUT POWER	kw	0.75
	hp	1.0
VOLTAGE (V)		110
CURRENT (A)		7
PERFORMANCE FLOW (m³/h)		1.5
PERFORMANCE HEAD (m)		32
OUTLET (in)		1



Model		SYQDX 8.0-18-1.1
OUTPUT POWER	kw	1.1
	hp	1.5
VOLTAGE (V)		110
CURRENT (A)		8
PERFORMANCE FLOW (m³/h)		8
PERFORMANCE HEAD (m)		18
OUTLET (in)		2



# DC SOLAR PUMP NO CONTROLLER



## SOLAR PUMP BL-2512 BL-2524

MOTOR	12V / 24V	MODEL
CAPACITY	1100 GPH (4158LPH)	BL-2512-12V
AMP DRAW	5.4A(12V) / 3.5A(24V)	BL-2524-24V
FUSE SIZE	9.0A(12V) / 8.0A(24V)	
OUTLET DIA	25 mm	
DELIVERY HEAD	13 ft	
SIZE OF CARTON	58 x 28.5 x 20.5	
G.W/CTN	14 kgs	
QTY/CTN	10 pcs	



## SOLAR PUMP WWB-01301

MOTOR	12V / 24V	MODEL
CAPACITY	2000 GPH (7550 LPH)	WWB-01301-12V
AMP DRAW	12A(12V) / 5.5A(24V)	WWB-01301-24V
FUSE SIZE	20A(12V) / 12A(24V)	
OUTLET DIA	25 mm	
DELIVERY HEAD	21 ft	
SIZE OF CARTON	42 x 32 x 25.5 cm	
G.W/CTN	17 kgs	
QTY/CTN	6 pcs	



## SOLAR PUMP WWB-01501

MOTOR	12V / 24V	MODEL
CAPACITY	4000 GPH (15140PH)	WWB-01501-12V
AMP DRAW	17A(12V) / 8.5A(24V)	WWB-01501-24V
FUSE SIZE	22A(12V) / 17A(24V)	
OUTLET DIA	32 mm / 25 mm	
DELIVERY HEAD	26 ft	
SIZE OF CARTON	33.5 x 33.5 x 35 cm	
G.W/CTN	20 kgs	
QTY/CTN	4 pcs	



# DC SOLAR PUMP NO CONTROLLER



## SOLAR PUMP WWB-02301

MOTOR	12V / 24V	MODEL
CAPACITY	1350 GPH (5100 LPH)	WWB-02301-12V
AMP DRAW	8.0A(12V) / 6.0A(24V)	WWB-02301-24V
FUSE SIZE	16A(12V) / 12A(24V)	
OUTLET DIA	25 mm	
DELIVERY HEAD	20 ft	
SIZE OF CARTON	38 x 28 x 40cm	
G.W/CTN	12.5 kgs	
QTY/CTN	4 pcs	



# DC SOLAR PUMP NO CONTROLLER



## SOLAR PUMP WWB-02302

MOTOR	12V / 24V	MODEL
CAPACITY	1350 GPH (5100 LPH)	WWB-02302-12V
AMP DRAW	8.0A(12V) / 6.0A(24V)	WWB-02302-24V
FUSE SIZE	16A(12V) / 12A(24V)	
OUTLET DIA	25 mm	
DELIVERY HEAD	20 ft	
SIZE OF CARTON	38 x 28 x 40cm	
G.W/CTN	21 kgs	
QTY/CTN	4 pcs	



## DIESEL OIL PUMP WWB-11918

MOTOR	12V / 24V	MODEL
POWER (W)	160	WWB-11918-12V
INLET/OUTLET(mm)	22/22	WWB-11918-24V
max.FLOW (gal/h)	793	
max HEAD (ft)	33	
max SUCT (m)	6	
VOLTAGE	12/24	
SPEED	3600	
L x W x H (M)	P.23 x 16 x 18	
1 x 20' (pas)	4227	



— PATENT —