



Encapsulated water filled solar water pump

China's #1 Most Trusted
Solar-Powered Water Pumps





ADVANTAGES OF DC & ACDC SOLAR PUMP

1. Permanent-magnet BLDC High Efficiency Motor
2. Stainless Steel 304 motor
3. Plastic/stainless steel outlet
4. Encapsulated water filled motor (No pollution to water source)
5. Thrust Bearing system (Longer lifespan)
6. No risk from mechanical seal leakage
7. High efficiency MPPT and Vector control
8. Dry-running protection
9. Controller:
 - 1) MPPT Efficiency Max. 98%
 - 2) Enclosure class: IP65
 - 3) Ambient temperature: $-15^{\circ}\text{C} \sim 60^{\circ}\text{C}$
 - 4) LED displays the power, voltage, current, speed etc working condition.
 - 5) Water proof and leak-proof: Double seal effect.
 - 6) Soft start: No impulse current, protect the pump motor.
 - 7) Automatically start and stop working.
 - 8) High voltage/Low voltage/Over-current/High temperature protection

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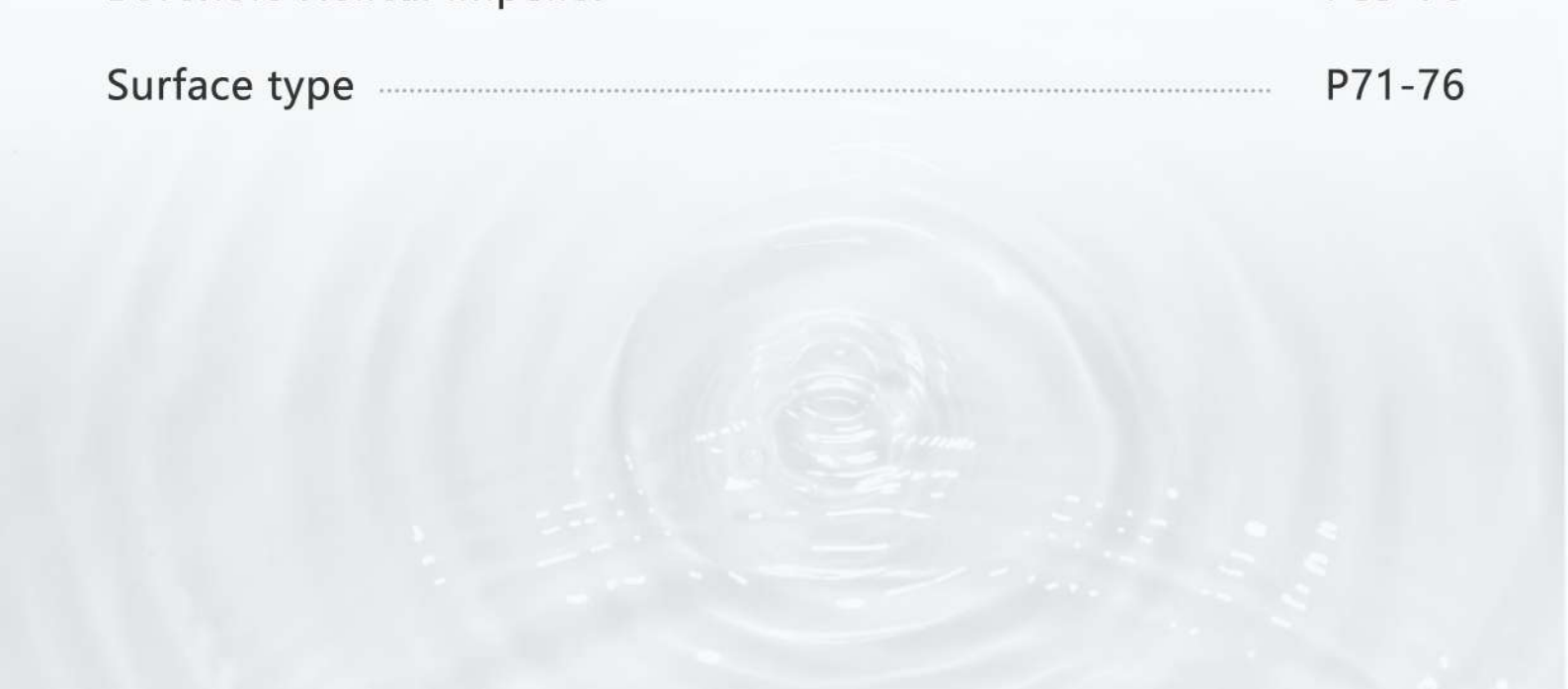


DC BRUSHLESS SOLAR PUMP

Borehole Plastic impeller	P01-16
Borehole SS304 impeller	P17-30
Borehole Helical impeller	P31-32
Surface type	P33-38

ACDC BRUSHLESS SOLAR PUMP

Borehole Plastic impeller	P39-54
Borehole SS304 impeller	P55-68
Borehole Helical impeller	P69-70
Surface type	P71-76



Max Flow 4.0m³/h Range

DC Brushless Solar Pump
External controller(W)&Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

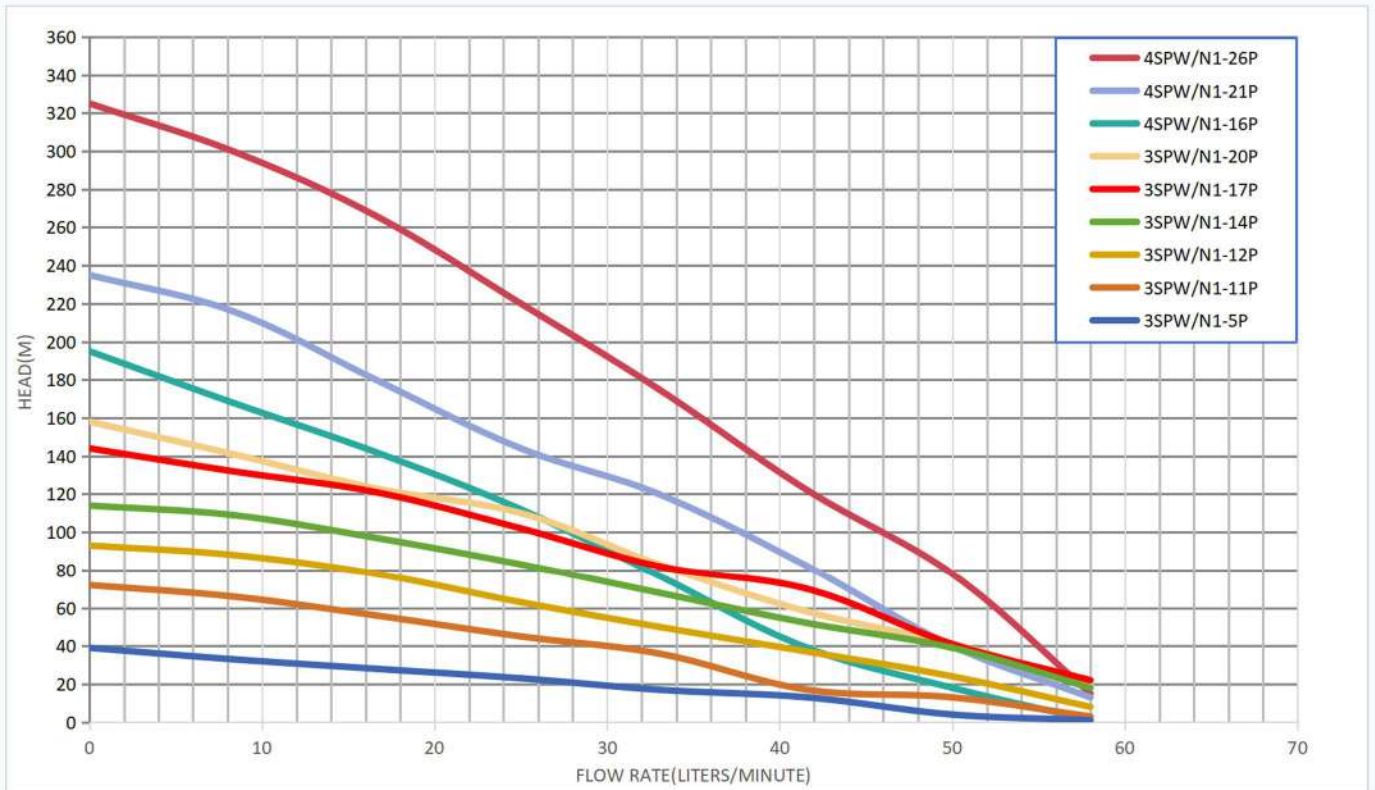
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
3SPW/N1-5P(3.6-39-48-300)	20-48	30-40	300	3.6	39	3"	1.5"	1*410W	External/Internal	Plastic
3SPW/N1-11P(3.6-72-100-600)	40-100	60 - 76	600	3.6	72	3"	1.5"	2*410W	External/Internal	Plastic
3SPW/N1-12P(3.8-93-150-1000)	60-150	90 - 110	1000	3.8	93	3"	1.5"	3*410W	External/Internal	Plastic
3SPW/N1-14P(4.0-114-180-1200)	80-180	96 - 130	1200	4.0	114	3"	1.5"	4*410W	External/Internal	Plastic
3SPW/N1-17P(4.1-144-200-1500)	80-200	96 - 150	1500	4.1	144	3"	1.5"	4*410W	External/Internal	Plastic
3SPW/N1-20P(3.8-158-200-1500)	80-200	96 - 150	1500	3.8	158	3"	1.5"	4*410W	External/Internal	Plastic
4SPW/N1-16P(3.6-195-450-1800)	60-450	180-230	1800	3.6	195	4"	2"	5*410W	External/Internal	Plastic
4SPW/N1-21P(3.7-235-450-2200)	60-450	220-300	2200	3.7	235	4"	2"	6*410W	External/Internal	Plastic
4SPW/N1-26P(3.7-325-450-3000)	60-450	300-380	3000	3.7	325	4"	2"	8*410W	External/Internal	Plastic

Max Flow 4.0m³/h Range

DC Brushless Solar Pump
External Controller / Internal Controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	8.3	16.6	25	33	41.6	50	58
MODEL	HEAD(m)							
3SPW/N1-5P(3.6-39-48-300)	39	33	28	23	17	13	4	1
3SPW/N1-11P(3.6-72-100-600)	72	66	56	45	36	17	13	3
3SPW/N1-12P(3.8-93-150-1000)	93	88	78	63	50	37	24	8
3SPW/N1-14P(4.0-114-180-1200)	114	109	97	83	68	52	39	18
3SPW/N1-17P(4.1-144-200-1500)	144	132	121	102	82	70	41	22
3SPW/N1-20P(3.8-158-200-1500)	158	141	123	110	83	58	41	20
4SPW/N1-16P(3.6-195-450-1800)	195	168	142	112	77	39	18	1
4SPW/N1-21P(3.7-235-450-2200)	235	216	180	144	120	82	40	13
4SPW/N1-26P(3.7-325-450-3000)	325	300	266	220	175	122	78	15

Max Flow 5.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

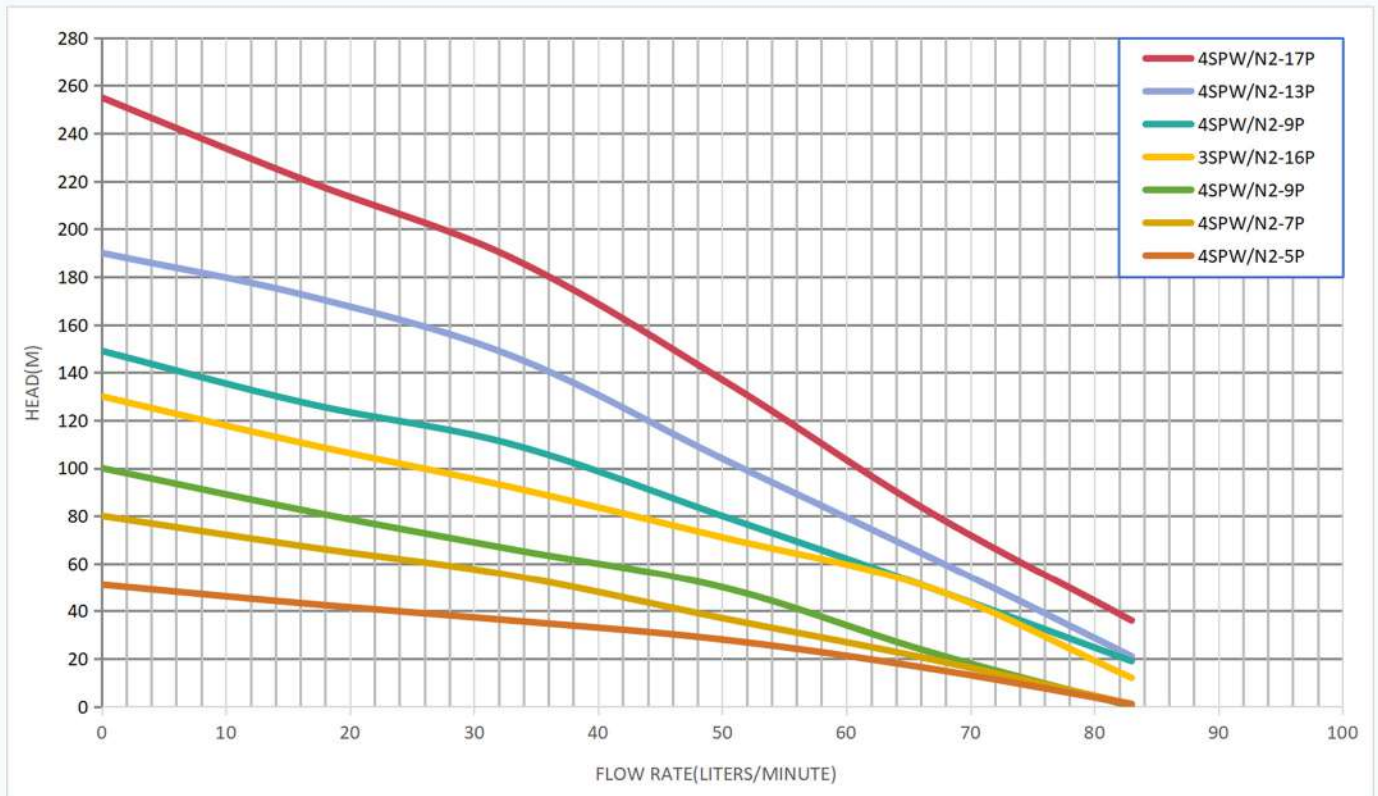
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N2-5P(5.2-51-100-600)	40-100	60 - 76	600	5.2	51	4"	2"	2*410W	External/Internal	Plastic
4SPW/N2-7P(5.0-80-150-1000)	60-150	90 - 110	1000	5.0	80	4"	2"	3*410W	External/Internal	Plastic
4SPW/N2-9P(5.0-100-180-1200)	80-180	96 - 130	1200	5.0	100	4"	2"	4*410W	External/Internal	Plastic
3SPW/N2-16P(5.5-130-200-1500)	80-200	96 - 150	1500	5.5	130	3"	1.5"	4*410W	External/Internal	Plastic
4SPW/N2-9P(5.7-149-450-1800)	60-450	180-230	1800	5.7	149	4"	2"	5*410W	External/Internal	Plastic
4SPW/N2-13P(5.7-190-450-2200)	60-450	220-300	2200	5.7	190	4"	2"	6*410W	External/Internal	Plastic
4SPW/N2-17P(5.6-255-450-3000)	60-450	300-380	3000	5.6	255	4"	2"	8*410W	External/Internal	Plastic

Max Flow 5.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83
MODEL	HEAD(m)					
4SPW/N2-5P(5.2-51-100-600)	51	43	36	28	16	1
4SPW/N2-7P(5.0-80-150-1000)	80	67	55	37	20	0
4SPW/N2-9P(5.0-100-180-1200)	100	82	66	50	23	0
3SPW/N2-16P(5.5-130-200-1500)	130	110	92	71	50	12
4SPW/N2-9P(5.7-149-450-1800)	149	127	110	80	50	19
4SPW/N2-13P(5.7-190-450-2200)	190	172	147	104	63	21
4SPW/N2-17P(5.6-255-450-3000)	255	220	188	137	82	36

Max Flow 7.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

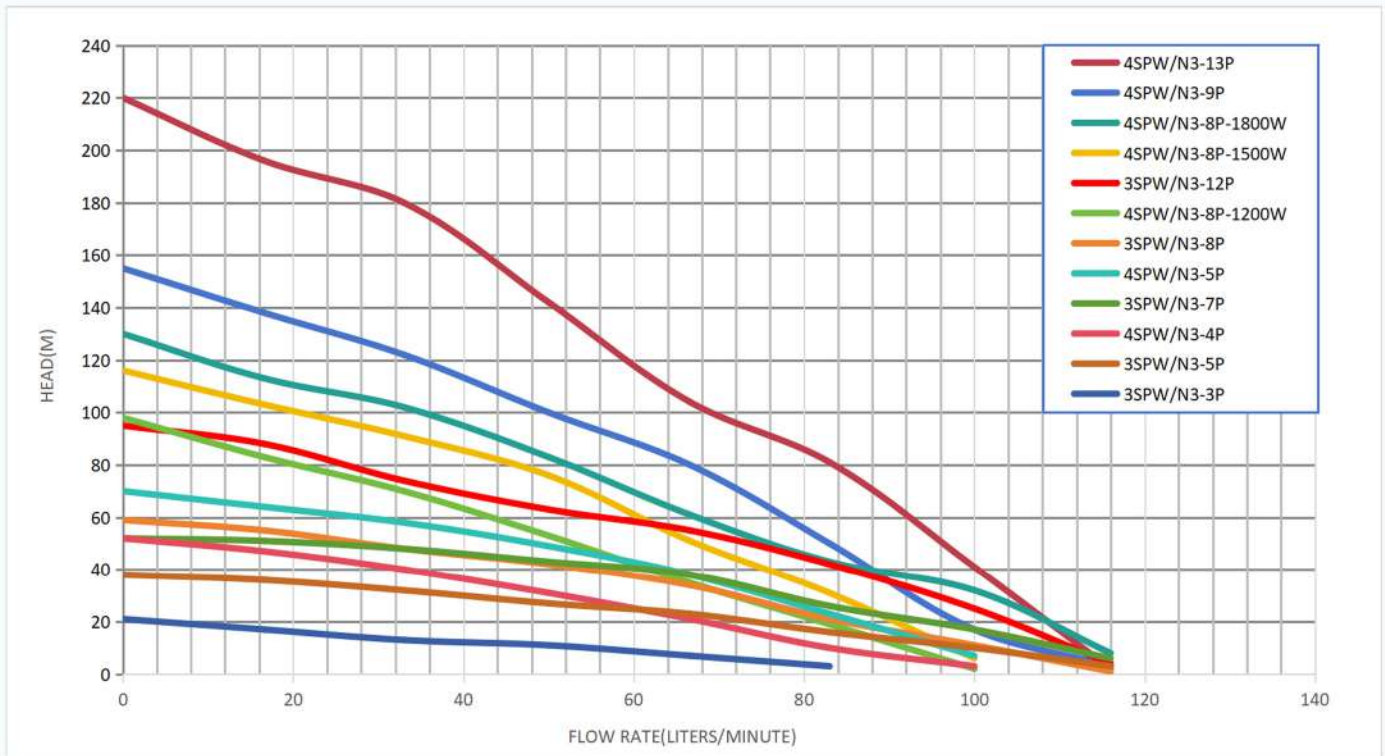
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
3SPW/N3-3P(5.9-21-48-300)	20-48	30-40	300	5.9	21	3"	1.5"	1*410W	External/Internal	Plastic
3SPW/N3-5P(7.4-38-100-600)	40-100	60 - 76	600	7.4	38	3"	1.5"	2*410W	External/Internal	Plastic
4SPW/N3-4P(6.2-52-100-600)	40-100	60 - 76	600	6.2	52	4"	2"	2*410W	External/Internal	Plastic
3SPW/N3-7P(7.8-52-150-1000)	60-150	90 - 110	1000	7.8	52	3"	1.5"	3*410W	External/Internal	Plastic
4SPW/N3-5P(6.9-70-150-1000)	60-150	90 - 110	1000	6.9	70	4"	2"	3*410W	External/Internal	Plastic
3SPW/N3-8P(7.0-59-180-1200)	80-180	96 - 130	1200	7.0	59	3"	1.5"	4*410W	External/Internal	Plastic
4SPW/N3-8P(6.1-98-180-1200)	80-180	96 - 130	1200	6.1	98	4"	2"	4*410W	External/Internal	Plastic
3SPW/N3-12P(7.4-95-200-1500)	80-200	96 - 150	1500	7.4	95	3"	1.5"	4*410W	External/Internal	Plastic
4SPW/N3-8P(6.5-116-200-1500)	80-200	96 - 150	1500	6.5	116	4"	2"	4*410W	External/Internal	Plastic
4SPW/N3-8P(7.3-130-450-1800)	60-450	180-230	1800	7.3	130	4"	2"	5*410W	External/Internal	Plastic
4SPW/N3-9P(7.5-155-450-2200)	60-450	220-300	2200	7.5	155	4"	2"	6*410W	External/Internal	Plastic
4SPW/N3-13P(7.2-220-450-3000)	60-450	300-380	3000	7.2	220	4"	2"	8*410W	External/Internal	Plastic

Max Flow 7.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116
MODEL	HEAD(m)							
3SPW/N3-3P(5.9-21-48-300)	21	17	13	11	7	3		
3SPW/N3-5P(7.4-38-100-600)	38	36	32	27	23	16	10	3
4SPW/N3-4P(6.2-52-100-600)	52	47	40	31	21	10	3	
3SPW/N3-7P(7.8-52-150-1000)	52	51	48	43	38	26	17	6
4SPW/N3-5P(6.9-70-150-1000)	70	64	58	49	38	23	7	
3SPW/N3-8P(7.0-59-180-1200)	59	55	48	42	34	21	11	1
4SPW/N3-8P(6.1-98-180-1200)	98	83	70	53	35	19	2	
3SPW/N3-12P(7.4-95-200-1500)	95	88	74	63	55	42	25	4
4SPW/N3-8P(6.5-116-200-1500)	116	103	91	76	51	31	6	
4SPW/N3-8P(7.3-130-450-1800)	130	113	102	83	61	43	32	8
4SPW/N3-9P(7.5-155-450-2200)	155	138	122	100	80	50	17	3
4SPW/N3-13P(7.2-220-450-3000)	220	196	180	142	104	81	41	2

Max Flow 7.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

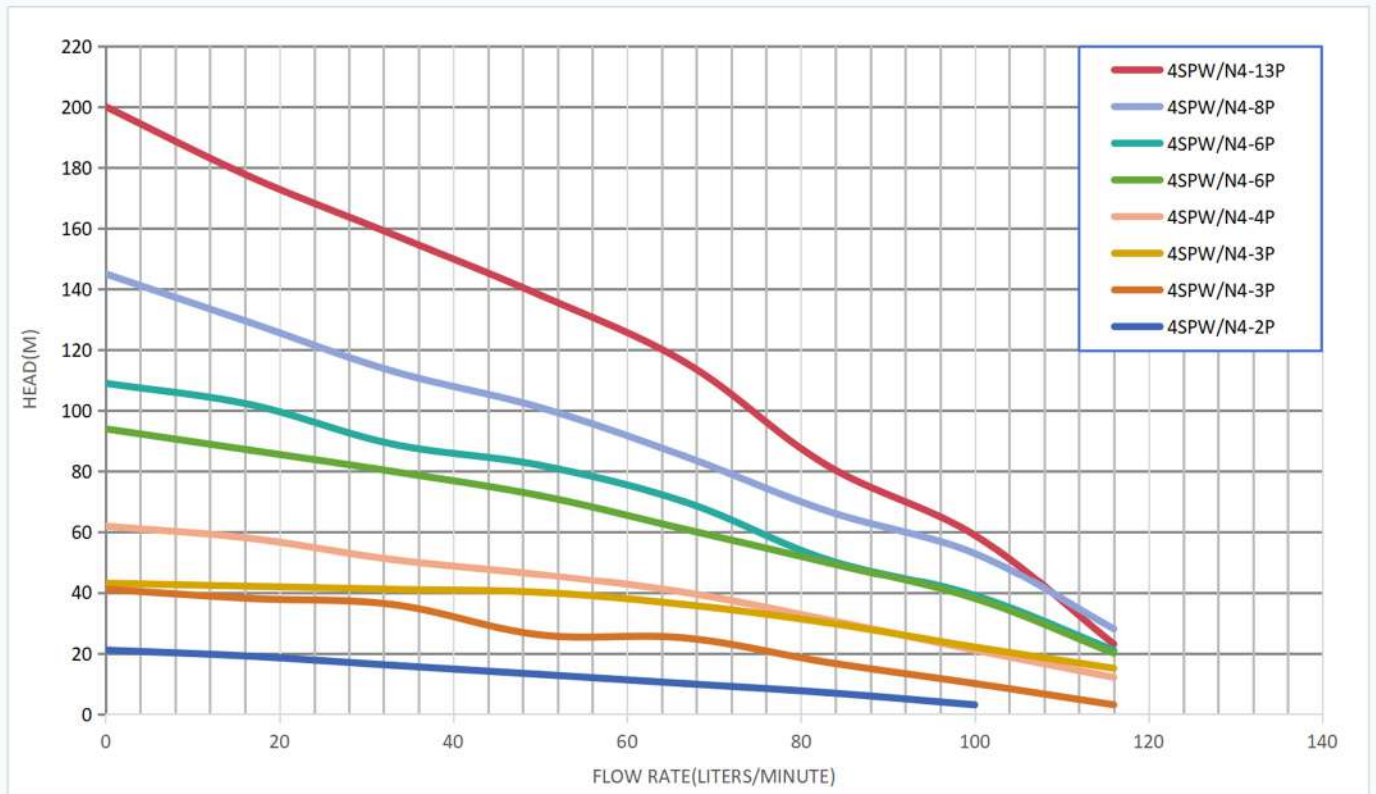
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N4-2P(6.5-21-48-300)	20-48	30-40	300	6.5	21	4"	2"	1*410W	External/Internal	Plastic
4SPW/N4-3P(7.5-41-100-600)	40-100	60 - 76	600	7.5	41	4"	2"	2*410W	External/Internal	Plastic
4SPW/N4-3P(8.8-43-150-1000)	60-150	90 - 110	1000	8.8	43	4"	2"	3*410W	External/Internal	Plastic
4SPW/N4-4P(8.3-62-180-1200)	80-180	96 - 130	1200	8.3	62	4"	2"	4*410W	External/Internal	Plastic
4SPW/N4-6P(8.5-94-200-1500)	80-200	96 - 150	1500	8.5	94	4"	2"	4*410W	External/Internal	Plastic
4SPW/N4-6P(8.4-109-450-1800)	60-450	180-230	1800	8.4	109	4"	2"	5*410W	External/Internal	Plastic
4SPW/N4-8P(8.5-145-450-2200)	60-450	220-300	2200	8.5	145	4"	2"	6*410W	External/Internal	Plastic
4SPW/N4-13P(7.9-200-450-3000)	60-450	300-380	3000	7.9	200	4"	2"	8*410W	External/Internal	Plastic

Max Flow 7.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116
MODEL	HEAD(m)							
4SPW/N4-2P(6.5-21-48-300)	21	19	16	13	10	7	3	
4SPW/N4-3P(7.5-41-100-600)	41	38	36	26	25	17	10	3
4SPW/N4-3P(8.8-43-150-1000)	43	42	41	40	36	30	22	15
4SPW/N4-4P(8.3-62-180-1200)	62	58	51	46	40	31	21	12
4SPW/N4-6P(8.5-94-200-1500)	94	87	80	72	61	50	38	20
4SPW/N4-6P(8.4-109-450-1800)	109	102	89	82	70	51	39	21
4SPW/N4-8P(8.5-145-450-2200)	145	129	113	101	85	67	53	28
4SPW/N4-13P(7.9-200-450-3000)	200	177	158	138	116	82	59	23

Max Flow 12.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

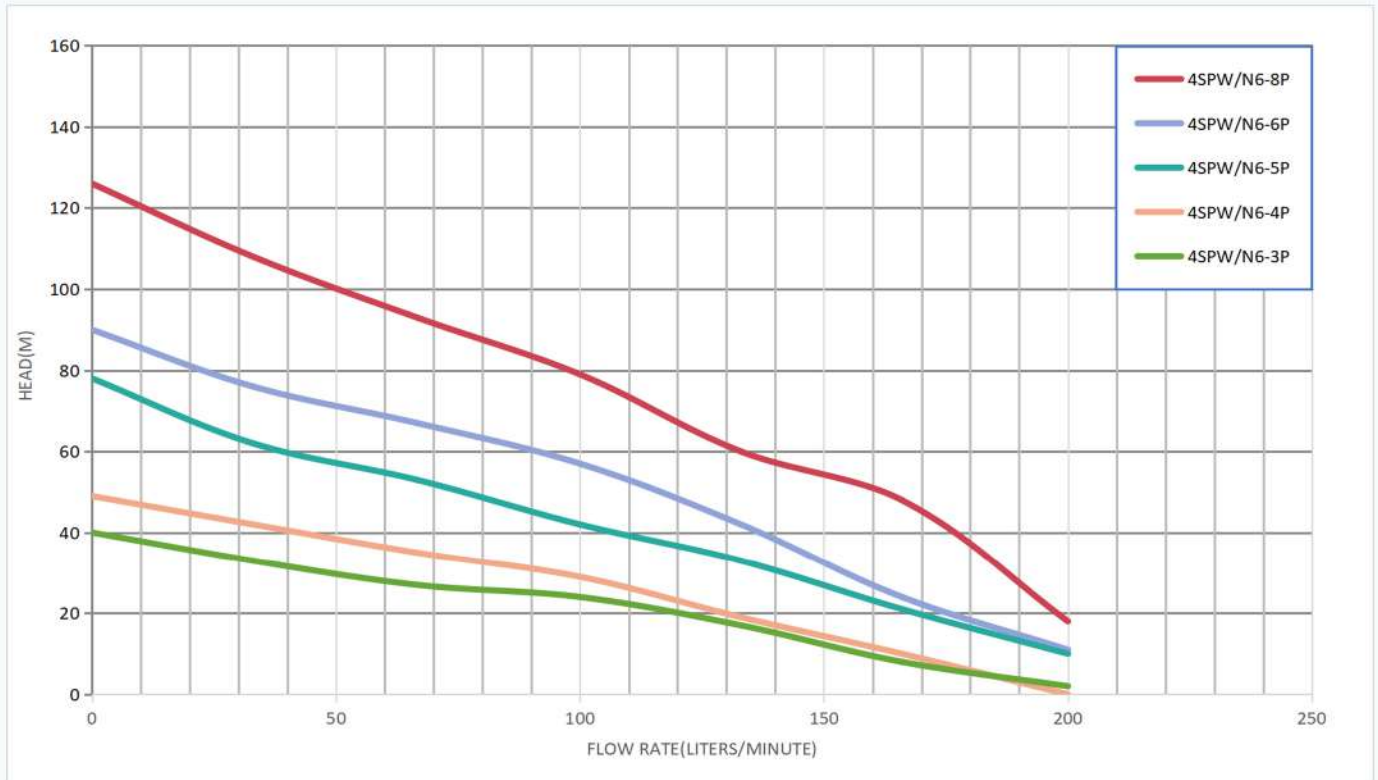
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N6-3P(12.4-40-150-1000)	60-150	90 - 110	1000	12.4	40	4"	2"	3*410W	External/Internal	Plastic
4SPW/N6-4P(12.0-49-180-1200)	80-180	96 - 130	1200	12.0	49	4"	2"	4*410W	External/Internal	Plastic
4SPW/N6-5P(13.2-78-450-1800)	60-450	180-230	1800	13.2	78	4"	2"	5*410W	External/Internal	Plastic
4SPW/N6-6P(13.3-90-450-2200)	60-450	220-300	2200	13.3	90	4"	2"	6*410W	External/Internal	Plastic
4SPW/N6-8P(14.0-126-450-3000)	60-450	300-380	3000	14.0	126	4"	2"	8*410W	External/Internal	Plastic

Max Flow 12.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	33	66.6	100	133	166	200
MODEL	HEAD(m)						
4SPW/N6-3P(12.4-40-150-1000)	40	33	27	24	17	8	2
4SPW/N6-4P(12.0-49-180-1200)	49	42	35	29	19	10	0
4SPW/N6-5P(13.2-78-450-1800)	78	62	53	42	33	21	10
4SPW/N6-6P(13.3-90-450-2200)	90	76	67	57	42	24	11
4SPW/N6-8P(14.0-126-450-3000)	126	108	93	79	60	48	18

Max Flow 15.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

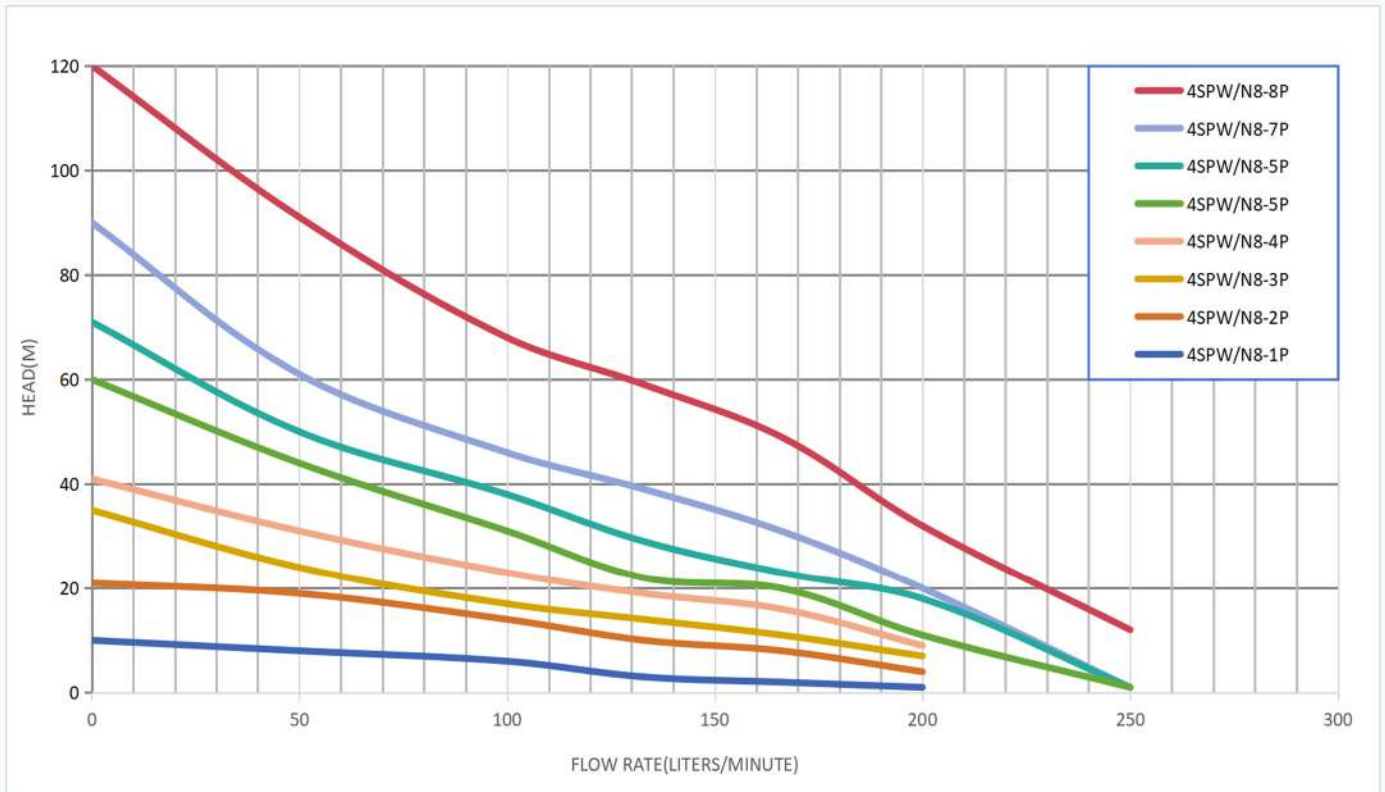
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N8-1P(12.1-10-48-300)	20-48	30-40	300	12.1	10	4"	2"	1*410W	External/Internal	Plastic
4SPW/N8-2P(13.3-21-100-600)	40-100	60 - 76	600	13.3	21	4"	2"	2*410W	External/Internal	Plastic
4SPW/N8-3P(14.2-35-150-1000)	60-150	90 - 110	1000	14.2	35	4"	2"	3*410W	External/Internal	Plastic
4SPW/N8-4P(14.1-41-180-1200)	80-180	96 - 130	1200	14.1	41	4"	2"	4*410W	External/Internal	Plastic
4SPW/N8-5P(15.5-60-200-1500)	80-200	96 - 150	1500	15.5	60	4"	2"	4*410W	External/Internal	Plastic
4SPW/N8-5P(15.8-71-450-1800)	60-450	180-230	1800	15.8	71	4"	2"	5*410W	External/Internal	Plastic
4SPW/N8-7P(15.3-90-450-2200)	60-450	220-300	2200	15.3	90	4"	2"	6*410W	External/Internal	Plastic
4SPW/N8-8P(16.7-120-450-3000)	60-450	300-380	3000	16.7	120	4"	2"	8*410W	External/Internal	Plastic

Max Flow 15.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	133	166	200	250
MODEL	HEAD(m)						
4SPW/N8-1P(12.1-10-48-300)	10	8	6	3	2	1	
4SPW/N8-2P(13.3-21-100-600)	21	19	14	10	8	4	
4SPW/N8-3P(14.2-35-150-1000)	35	24	17	14	11	7	
4SPW/N8-4P(14.1-41-180-1200)	41	31	23	19	16	9	
4SPW/N8-5P(15.5-60-200-1500)	60	44	31	22	20	11	1
4SPW/N8-5P(15.8-71-450-1800)	71	50	38	29	23	18	1
4SPW/N8-7P(15.3-90-450-2200)	90	61	46	39	31	20	1
4SPW/N8-8P(16.7-120-450-3000)	120	91	68	59	49	32	12

Max Flow 21.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

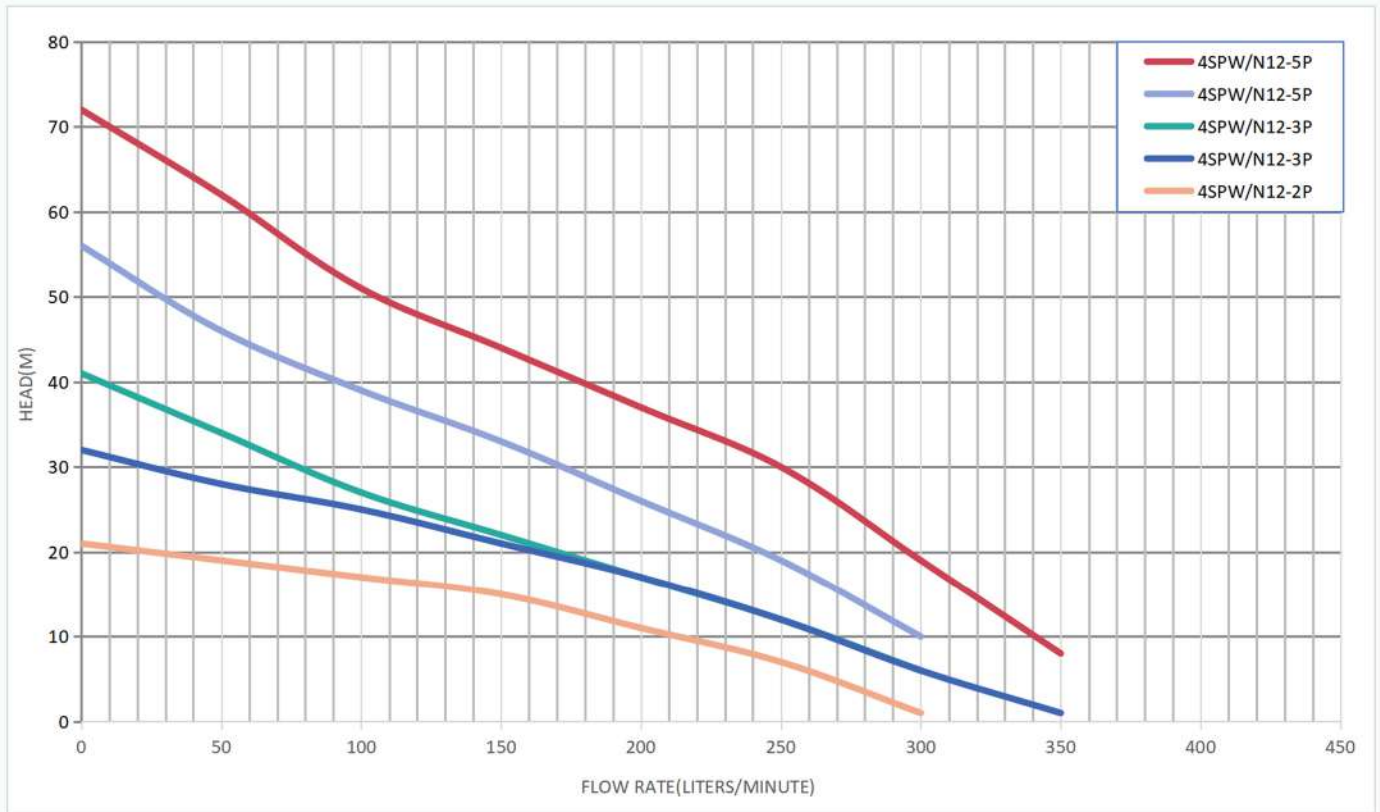
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N12-2P(18.2-21-180-1200)	80-180	96 - 130	1200	18.2	21	4"	2"	4*410W	External/Internal	Plastic
4SPW/N12-3P(21.1-32-200-1500)	80-200	96 - 150	1500	21.1	32	4"	2"	4*410W	External/Internal	Plastic
4SPW/N12-3P(20.3-41-450-1800)	60-450	180-230	1800	22.5	41	4"	2"	5*410W	External/Internal	Plastic
4SPW/N12-5P(20.3-56-450-2200)	60-450	220-300	2200	20.3	56	4"	2"	6*410W	External/Internal	Plastic
4SPW/N12-5P(22.9-72-450-3000)	60-450	300-380	3000	22.9	72	4"	2"	8*410W	External/Internal	Plastic

Max Flow 21.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	150	200	250	300	350
MODEL	HEAD(m)							
4SPW/N12-2P(18.2-21-180-1200)	21	19	17	15	11	7	1	
4SPW/N12-3P(21.1-32-200-1500)	32	28	25	21	17	12	6	1
4SPW/N12-3P(20.3-41-450-1800)	41	34	27	22	17	12	6	
4SPW/N12-5P(20.3-56-450-2200)	56	46	39	33	26	19	10	
4SPW/N12-5P(22.9-72-450-3000)	72	62	51	44	37	30	19	8

Max Flow 30.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: SS304(excluding impeller)
Impeller: Plastic
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

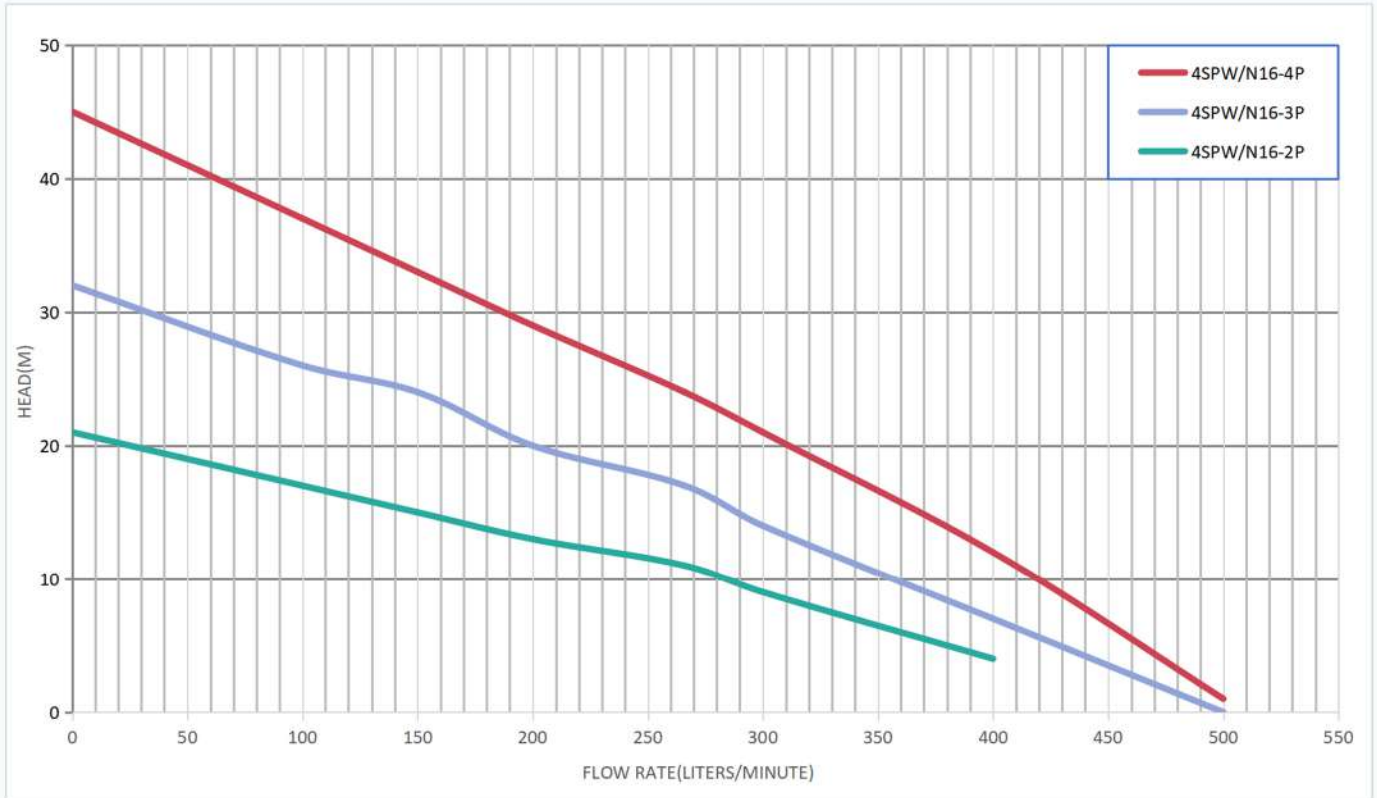
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N16-2P(25.7-23-450-1800)	60-450	180-230	1800	25.7	23	4"	2"	5*410W	External/Internal	Plastic
4SPW/N16-3P(30.0-32-450-2200)	60-450	220-300	2200	30	32	4"	2"	6*410W	External/Internal	Plastic
4SPW/N16-4P(30.6-45-450-3000)	60-450	300-380	3000	30.6	45	4"	2"	8*410W	External/Internal	Plastic

Max Flow 30.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	100	150	200	266	300	400	500
MODEL	HEAD(m)							
4SPW/N16-2P(25.7-23-450-1800)	21	17	15	13	11	9	4	
4SPW/N16-3P(30.0-32-450-2200)	32	26	24	20	17	14	7	0
4SPW/N16-4P(30.6-45-450-3000)	45	37	33	29	24	21	12	1

Max Flow 6.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

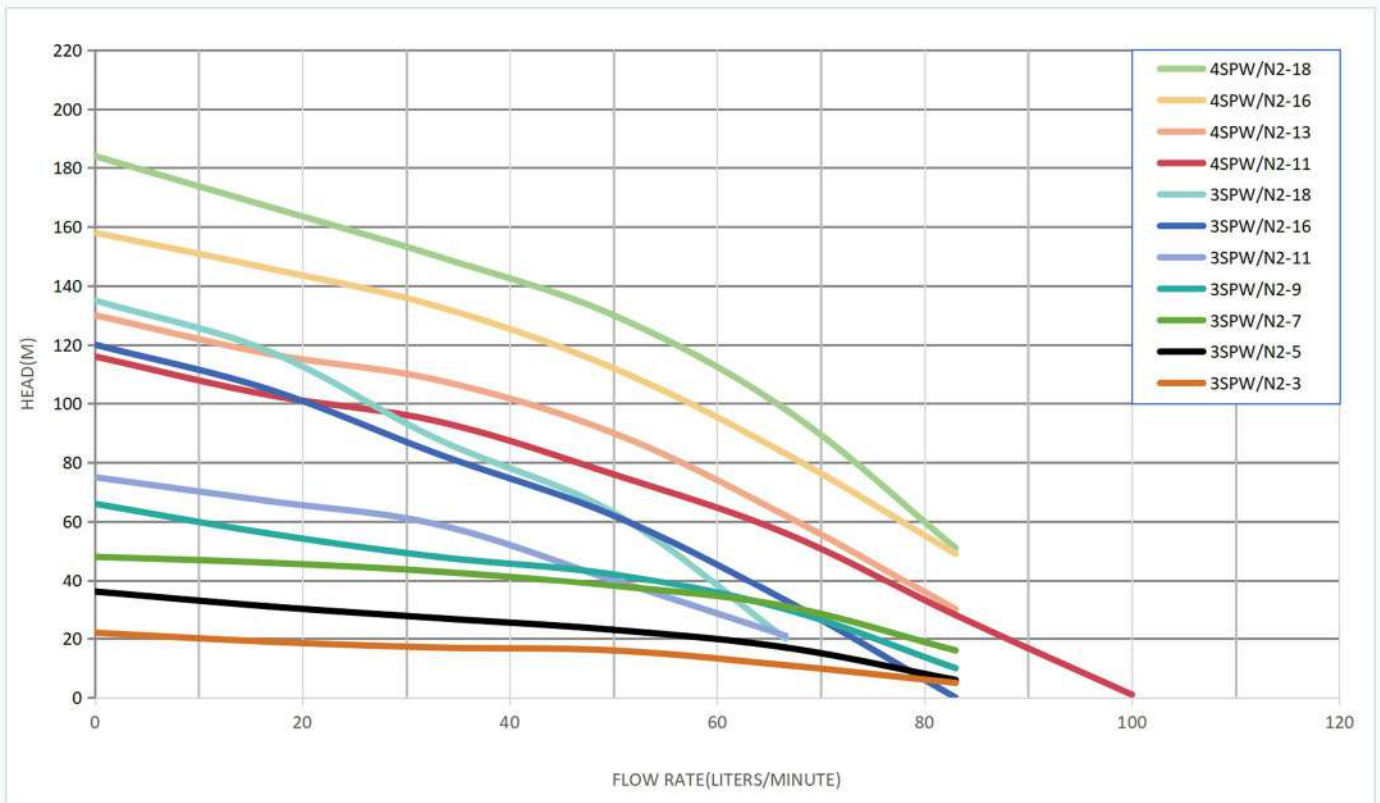
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
3SPW/N2-3(5.1-22-48-300)	20-48	30-40	300	5.1	22	3"	1.25"	1*410W	External/Internal	SS304
3SPW/N2-5(5.1-36-100-600)	40-96	60 - 76	600	5.1	36	3"	1.25"	2*410W	External/Internal	SS304
3SPW/N2-7(5.4-48-150-1000)	60-150	90 - 110	1000	5.4	48	3"	1.25"	3*410W	External/Internal	SS304
3SPW/N2-9(5.4-66-180-1200)	80-180	96 - 130	1200	5.4	66	3"	1.25"	4*410W	External/Internal	SS304
3SPW/N2-11(4.9-75-180-1200)	80-180	96 - 130	1200	4.9	75	3"	1.25"	4*410W	External/Internal	SS304
3SPW/N2-16(5.0-120-200-1500)	80-200	96 - 150	1500	5.0	120	3"	1.25"	4*410W	External/Internal	SS304
3SPW/N2-18(4.5-135-200-1500)	80-200	96 - 150	1500	4.5	135	3"	1.25"	4*410W	External/Internal	SS304
4SPW/N2-11(6.1-116-450-1800)	60-450	180-230	1800	6.1	116	4"	1.25"	5*410W	External/Internal	SS304
4SPW/N2-13(5.5-130-450-2200)	60-450	220-300	2200	5.5	130	4"	1.25"	6*410W	External/Internal	SS304
4SPW/N2-16(5.8-158-450-2500)	60-450	300-380	2500	5.8	158	4"	1.25"	7*410W	External/Internal	SS304
4SPW/N2-18(5.7-184-450-3000)	60-450	300-380	3000	5.7	184	4"	1.25"	8*410W	External/Internal	SS304

Max Flow 6.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100
MODEL	HEAD(m)						
3SPW/N2-3(5.1-22-48-300)	22	19	17	16	11	5	
3SPW/N2-5(5.1-36-100-600)	36	31	27	23	17	6	
3SPW/N2-7(5.4-48-150-1000)	48	46	43	38	31	16	
3SPW/N2-9(5.4-66-180-1200)	66	56	48	42	30	10	
3SPW/N2-11(4.9-75-180-1200)	75	67	59	40	21		
3SPW/N2-16(5.0-120-200-1500)	120	105	83	62	33	0	
3SPW/N2-18(4.5-135-200-1500)	135	118	88	63	20		
4SPW/N2-11(6.1-116-450-1800)	116	103	94	76	56	28	1
4SPW/N2-13(5.5-130-450-2200)	130	117	108	90	62	30	
4SPW/N2-16(5.8-158-450-2500)	158	146	133	112	83	49	
4SPW/N2-18(5.7-184-450-3000)	184	167	150	130	98	51	

Max Flow 7.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

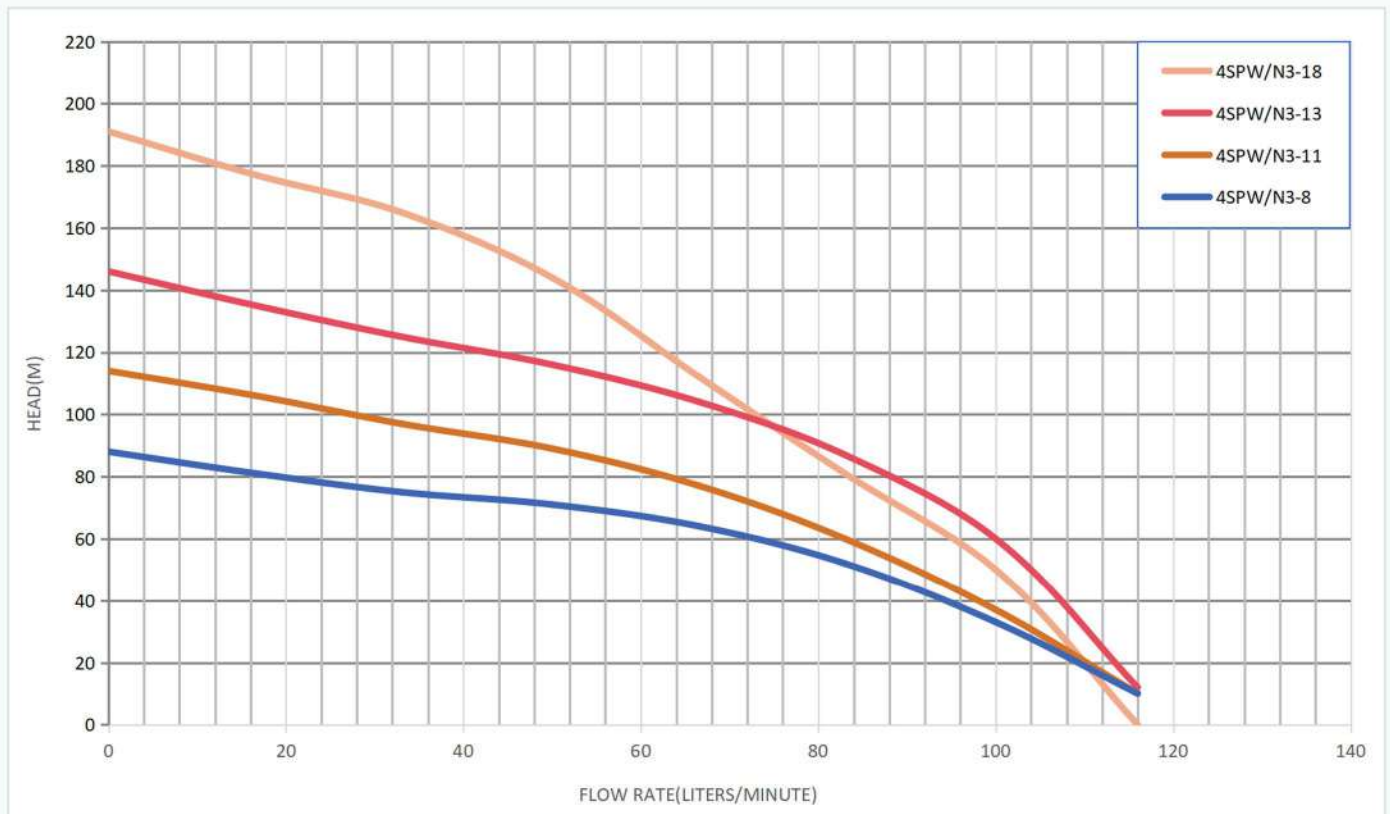
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N3-8(7.2-88-450-1800)	60-450	180-230	1800	7.2	88	4"	1.25"	5*410W	External/Internal	SS304
4SPW/N3-11(6.8-114-450-2200)	60-450	220-300	2200	6.8	114	4"	1.25"	6*410W	External/Internal	SS304
4SPW/N3-13(7.2-146-450-2500)	60-450	300-380	2500	7.2	146	4"	1.25"	7*410W	External/Internal	SS304
4SPW/N3-18(7.0-191-450-3000)	60-450	300-380	3000	7.0	191	4"	1.25"	8*410W	External/Internal	SS304

Max Flow 7.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116
MODEL	HEAD(m)							
4SPW/N3-8(7.2-88-450-1800)	88	81	75	71	64	52	33	10
4SPW/N3-11(6.8-114-450-2200)	114	106	97	89	77	60	37	10
4SPW/N3-13(7.2-146-450-2500)	146	135	125	116	104	87	60	12
4SPW/N3-18(7.0-191-450-3000)	191	177	165	144	112	81	50	0

Max Flow 10.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

External controller system



Internal controller system



Monitor (optional)



MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

TECHNICAL DATA

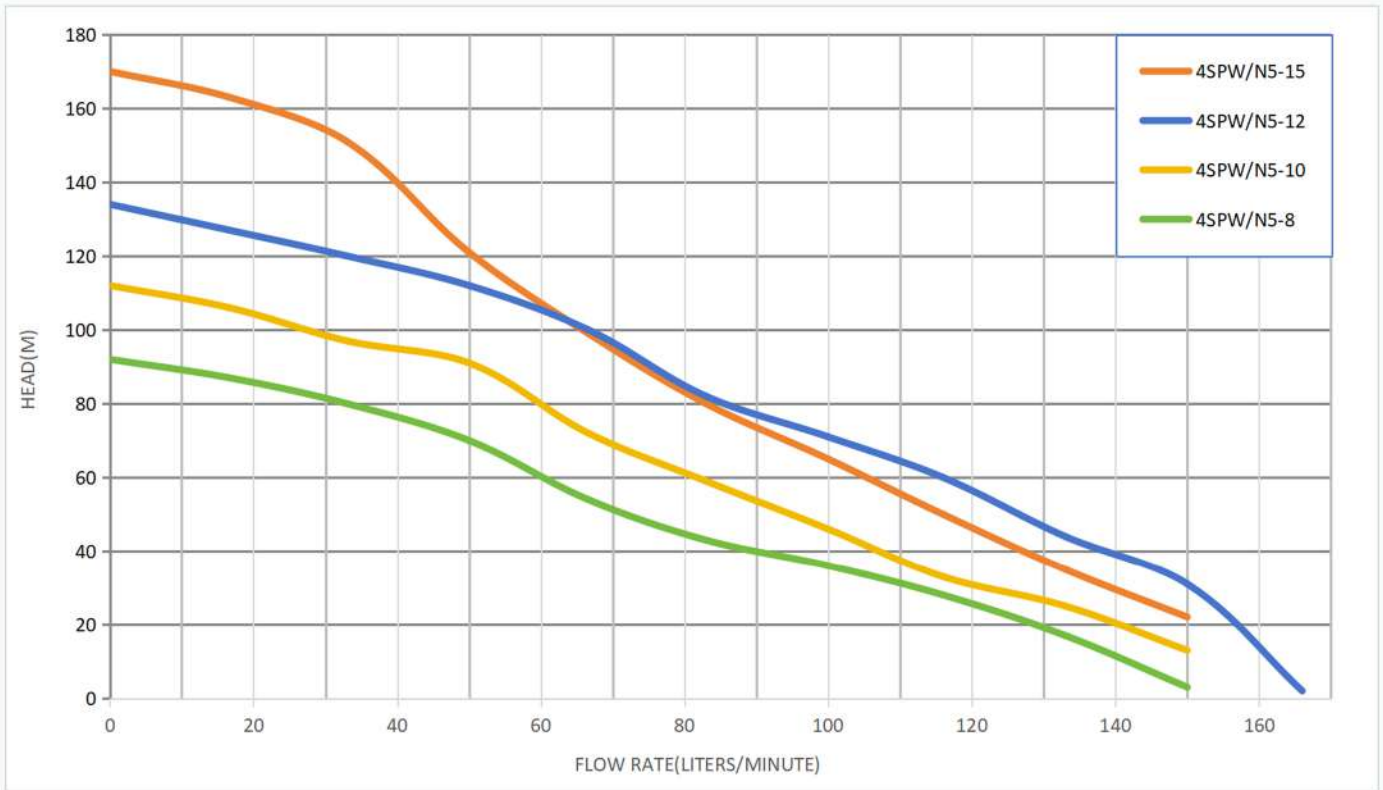
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N5-8(9.4-92-450-1800)	60-450	180-230	1800	9.4	92	4"	1.5"	5*410W	External/Internal	SS304
4SPW/N5-10(9.7-112-450-2200)	60-450	220-300	2200	9.7	112	4"	1.5"	6*410W	External/Internal	SS304
4SPW/N5-12(10.3-134-450-2500)	60-450	300-380	2500	10.3	134	4"	1.5"	7*410W	External/Internal	SS304
4SPW/N5-15(9.7-170-450-3000)	60-450	300-380	3000	9.7	170	4"	1.5"	8*410W	External/Internal	SS304

Max Flow 10.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116	133	150	166
MODEL	HEAD(m)										
4SPW/N5-8(9.4-92-450-1800)	92	87	80	70	54	43	36	28	17	3	
4SPW/N5-10(9.7-112-450-2200)	112	106	97	91	72	59	46	33	25	13	
4SPW/N5-12(10.3-134-450-2500)	134	127	120	112	100	82	71	60	44	31	2
4SPW/N5-15(9.7-170-450-3000)	170	163	151	121	99	80	65	50	35	22	

Max Flow 15.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

External controller system



Internal controller system



Monitor (optional)



MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

TECHNICAL DATA

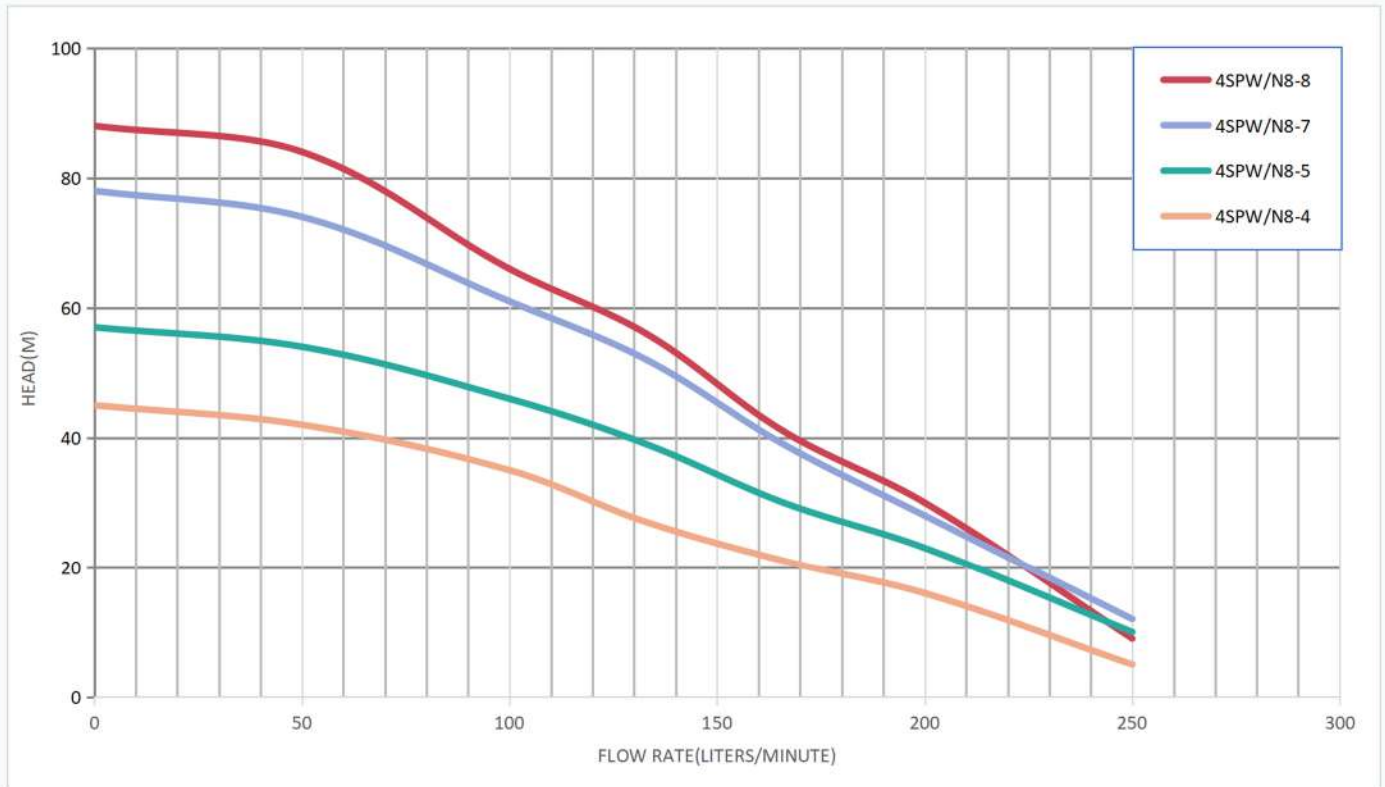
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N8-4(16.0-45-450-1800)	60-450	180-230	1800	16.0	45	4"	2"	5*410W	External/Internal	SS304
4SPW/N8-5(16.6-57-450-2200)	60-450	220-300	2200	16.6	57	4"	2"	6*410W	External/Internal	SS304
4SPW/N8-7(16.9-78-450-2500)	60-450	300-380	2500	16.9	78	4"	2"	7*410W	External/Internal	SS304
4SPW/N8-8(15.7-88-450-3000)	60-450	300-380	3000	15.7	88	4"	2"	8*410W	External/Internal	SS304

Max Flow 15.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	133	166	200	250
MODEL	HEAD(m)						
4SPW/N8-4(16.0-45-450-1800)	45	42	35	27	21	16	5
4SPW/N8-5(16.6-57-450-2200)	57	54	46	39	30	23	10
4SPW/N8-7(16.9-78-450-2500)	78	74	61	52	39	28	12
4SPW/N8-8(15.7-88-450-3000)	88	84	66	56	41	30	9

Max Flow 27.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

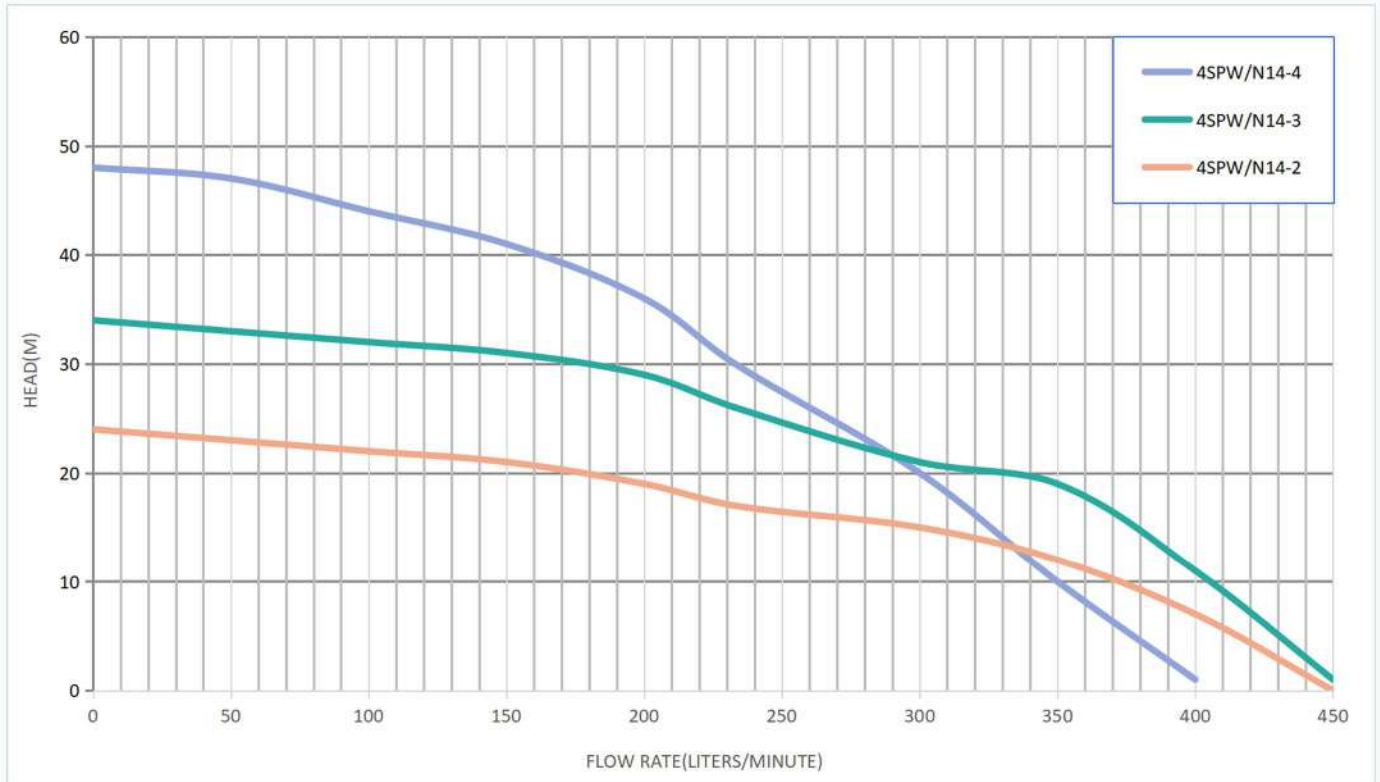
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
4SPW/N14-2(27.0-24-450-2200)	60-450	220-300	2200	27.0	24	4"	2"	6*410W	External/Internal	SS304
4SPW/N14-3(27.3-34-450-2500)	60-450	300-380	2600	27.3	34	4"	2"	7*410W	External/Internal	SS304
4SPW/N14-4(24.3-48-450-3000)	60-450	300-380	3000	24.3	48	4"	2"	8*410W	External/Internal	SS304

Max Flow 27.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	150	200	233	300	350	400	450
MODEL	HEAD(m)									
4SPW/N14-2(27.0-24-450-2200)	24	23	22	21	19	17	15	12	7	0
4SPW/N14-3(27.3-34-450-2500)	34	33	32	31	29	26	21	19	11	1
4SPW/N14-4(24.3-48-450-3000)	48	47	44	41	36	30	20	10	1	

Max Flow 30.0m³/h & 50m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection

External controller system

Internal controller system



TECHNICAL DATA

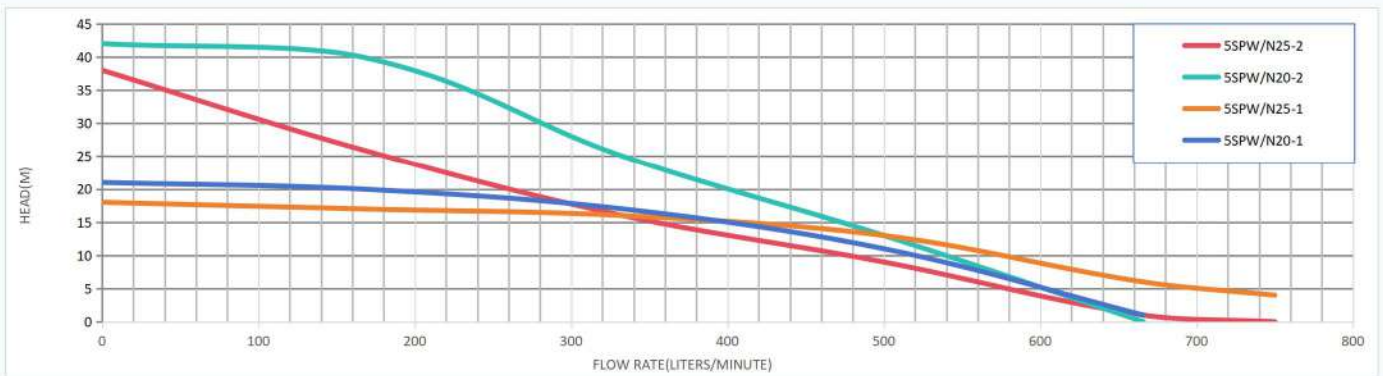
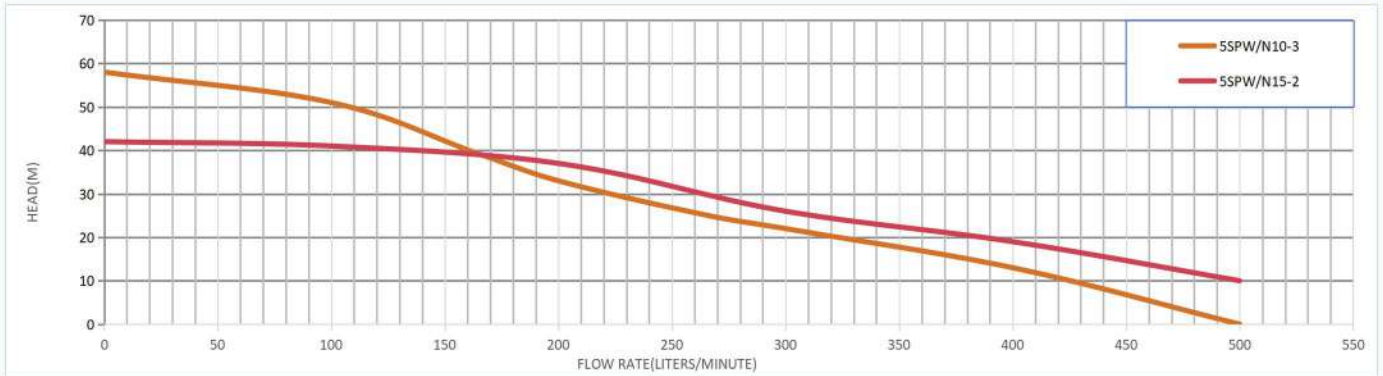
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
5SPW/N10-3(30.0-58-450-3000)	60-450	300-380	3000	30.0	58	5"	2.5"	8*410W	External/Internal	SS304
5SPW/N15-2(35.0-42-450-3000)	60-450	300-380	3000	35.0	42	5"	2.5"	8*410W	External/Internal	SS304
5SPW/N20-1(42.9-21-450-2500)	60-450	300-380	2500	42.9	21	5"	2.5"	7*410W	External/Internal	SS304
5SPW/N25-1(49.6-18-450-2500)	60-450	300-380	2500	49.6	18	5"	2.5"	7*410W	External/Internal	SS304
5SPW/N20-2(40.0-42-450-3000)	60-450	300-380	3000	40.0	42	5"	2.5"	8*410W	External/Internal	SS304
5SPW/N25-2(45.0-38-450-3000)	60-450	300-380	3000	45.0	38	5"	2.5"	8*410W	External/Internal	SS304

Max Flow 30.0m³/h & 50m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	100	200	300	400	500
MODEL	HEAD(m)					
5SPW/N10-3(30.0-58-450-3000)	58	51	33	22	13	0
5SPW/N15-2(35.0-42-450-3000)	42	41	37	26	19	10

FLOW(L/min)	0	166	333	500	666	750
MODEL	HEAD(m)					
5SPW/N20-1(42.9-21-450-2500)	21	20	17	11	1	
5SPW/N25-1(49.6-18-450-2500)	18	17	16	13	6	4
5SPW/N20-2(40.0-42-450-3000)	42	40	25	13	0	
5SPW/N25-2(45.0-38-450-3000)	38	26	16	9	1	0

Max Flow 40.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

External controller system

Internal controller system



MPPT Controller

Function:

Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection



TECHNICAL DATA

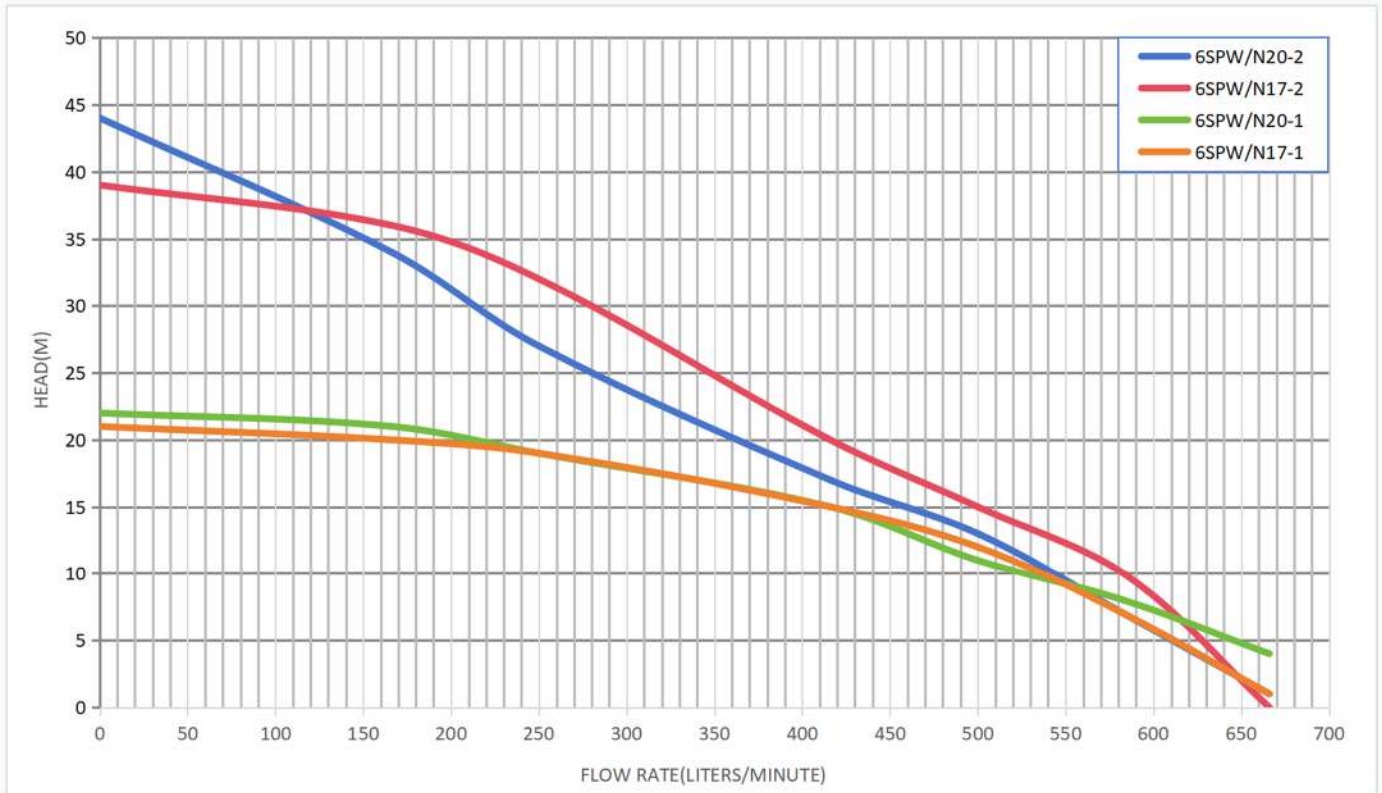
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
6SPW/N17-1(41.3-21-450-2200)	60-450	220-300	2200	41.3	21	6"	3"	6*410W	External/Internal	SS304
6SPW/N20-1(43.1-22-450-2200)	60-450	220-300	2200	43.1	22	6"	3"	6*410W	External/Internal	SS304
6SPW/N17-2(40.0-39-450-3000)	60-450	300-380	3000	40.0	39	6"	3"	8*410W	External/Internal	SS304
6SPW/N20-2(40.7-44-450-3000)	60-450	300-380	3000	40.7	44	6"	3"	8*410W	External/Internal	SS304

Max Flow 40.0m³/h Range

DC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	166	250	416	500	583	666
MODEL	HEAD(m)						
6SPW/N17-1(41.3-21-450-2200)	21	20	19	15	12	7	1
6SPW/N20-1(43.1-22-450-2200)	22	21	19	15	11	8	4
6SPW/N17-2(40.0-39-450-3000)	39	36	32	20	15	10	0
6SPW/N20-2(40.7-44-450-3000)	44	34	27	17	13	7	1

Max Flow 1.0m³/h Range

DC Brushless Solar Pump
External controller



Pump

Material: pump&motor SS304
(exclude impeller)
Impeller: Helical
Motor: Water filled
Thrust Bearing system



MPPT Controller

Function:
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protection
Over-current protection
Over-power protection
Lost Phase protection



TECHNICAL DATA

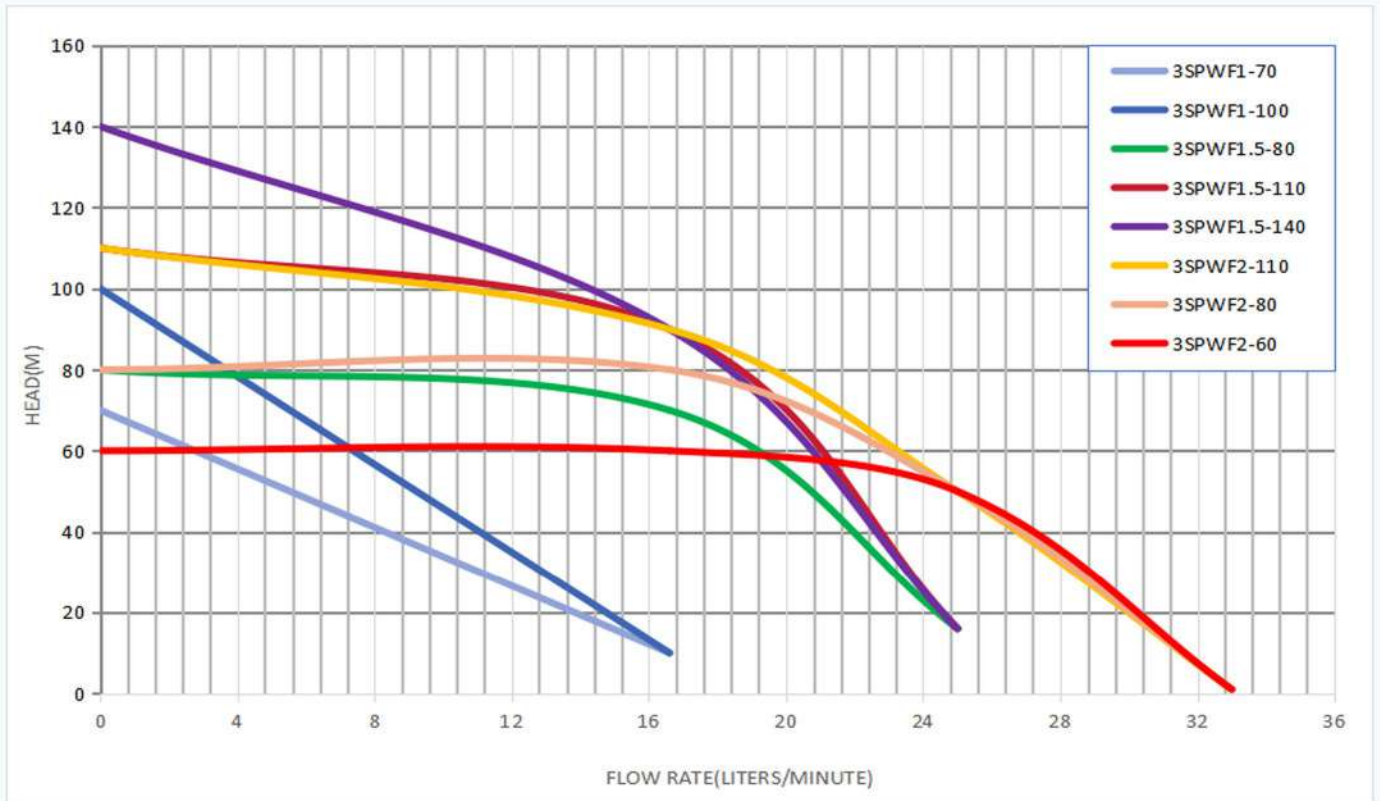
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
3SPWF1-70(1.1-70-48-300)	20-48	30-40	300	1.1	70	3"	0.75"	1*410W	External	Helical
3SPWF1-100(1.1-100-100-600)	40-100	60 - 76	600	1.1	100	3"	0.75"	2*410W	External	Helical
3SPWF1.5-80(1.6-80-100-600)	40-100	60 - 76	600	1.6	80	3"	0.75"	2*410W	External	Helical
3SPWF1.5-110(1.6-110-150-1000)	60-150	90 - 110	1000	1.6	110	3"	0.75"	3*410W	External	Helical
3SPWF1.5-140(1.6-140-180-1200)	80-180	96 - 130	1200	1.6	140	3"	0.75"	4*410W	External	Helical
3SPWF2-60(2.0-60-100-600)	40-100	60 - 76	600	2.0	60	3"	0.75"	1*410W	External	Helical
3SPWF2-80(2.0-80-150-1000)	60-150	90 - 110	1000	2.0	80	3"	0.75"	3*410W	External	Helical
3SPWF2-110(2.0-110-180-1200)	80-180	96 - 130	1200	2.0	110	3"	0.75"	4*410W	External	Helical

Max Flow 1.0m³/h Range

DC Brushless Solar Pump
External controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	25	33
MODEL	HEAD(m)			
3SPWF1-70(1.1-70-48-300)	70	10		
3SPWF1-100(1.1-100-100-600)	100	10		
3SPWF1.5-80(1.6-80-100-600)	80	70	16	
3SPWF1.5-110(1.6-110-150-1000)	110	90	16	
3SPWF1.5-140(-1.6-140-180-1200)	140	90	16	
3SPWF2-60(2.0-60-100-600)	60	60	50	1
3SPWF2-80(2.0-80-150-1000)	80	80	50	1
3SPWF2-110(2.0-110-180-1200)	110	90	50	1

Max Flow 2.0m³/h & 6.0m³/h Range

DC Surface Solar Pump
External controller



Pump

Impeller: Brass
Winding: Copper
Bearing: NSK



MPPT Controller

Function:

- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

TECHNICAL DATA

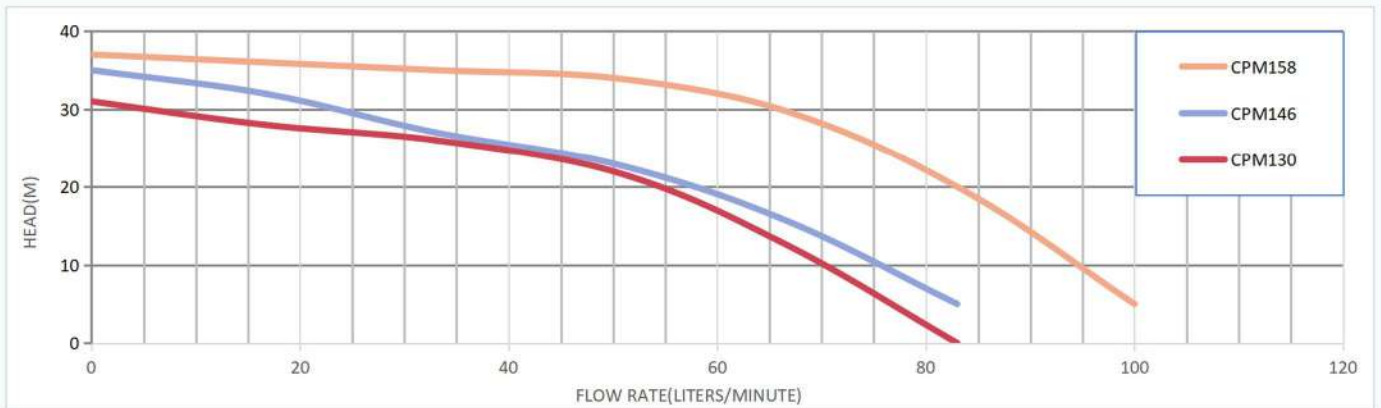
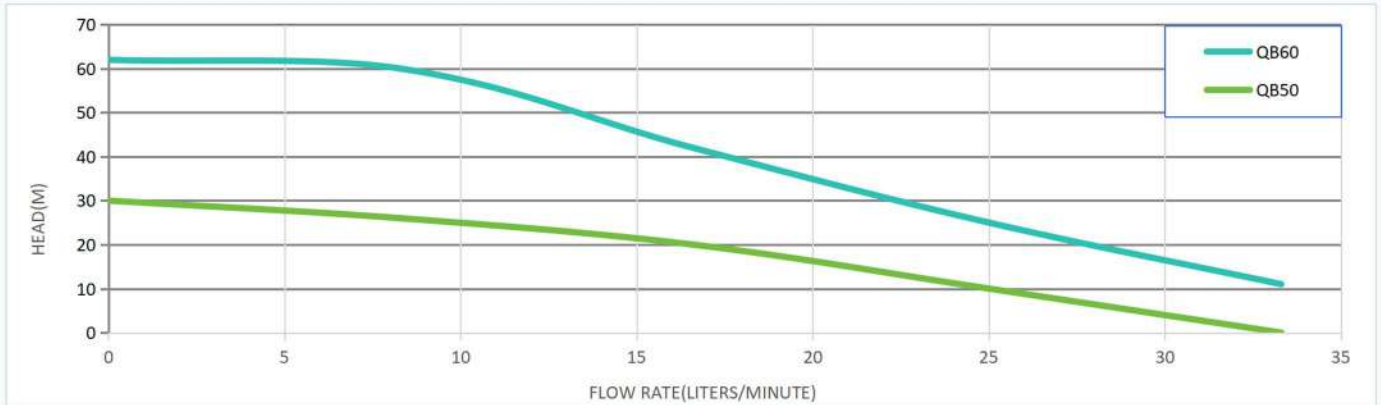
Model	Voltage (V)	Best Voltage (V)	Power (W)	Best Voltage (V)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
QB50(2-30-48-300)	20-48	30-40	300	30-40	2.0	30	/	1"	1*410W	External	Copper
QB60(2.2-62-100-800)	40-96	60 - 76	800	60 - 76	2.2	62	/	1"	2*410W	External	Copper
CPM130(5-31-100-700)	40-96	60 - 76	700	60 - 76	5.0	31	/	1"	2*410W	External	Copper
CPM146(5.5-35-100-800)	40-96	60 - 76	800	60 - 76	5.5	35	/	1"	2*410W	External	Copper
CPM158(7.9-37-180-1200)	80-180	96 - 130	1200	96 - 130	7.9	37	/	1"	4*410W	External	Copper

Max Flow 2.0m³/h & 6.0m³/h Range

DC Surface Solar Pump
Internal controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	8.3	16.6	25	33.3
MODEL	HEAD(m)				
QB50(2.0-30-48-300)	30	26	20	10	0
QB60(2.2-62-100-800)	62	60	42	25	11

FLOW(L/min)	0	16.6	33	50	66	83	100
MODEL	HEAD(m)						
CPM130(5.0-31-100-700)	31	28	26	22	13	0	
CPM146(5.5-35-100-800)	35	32	27	23	16	5	
CPM158(7.9-37-180-1200)	37	36	35	34	30	20	5

Max Flow 15.0-50.0m³/h Range

DC Surface Solar Pump
External controller



Pump

Impeller: Brass
Winding: Copper
Bearing: NSK



MPPT Controller

Function:

- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

TECHNICAL DATA

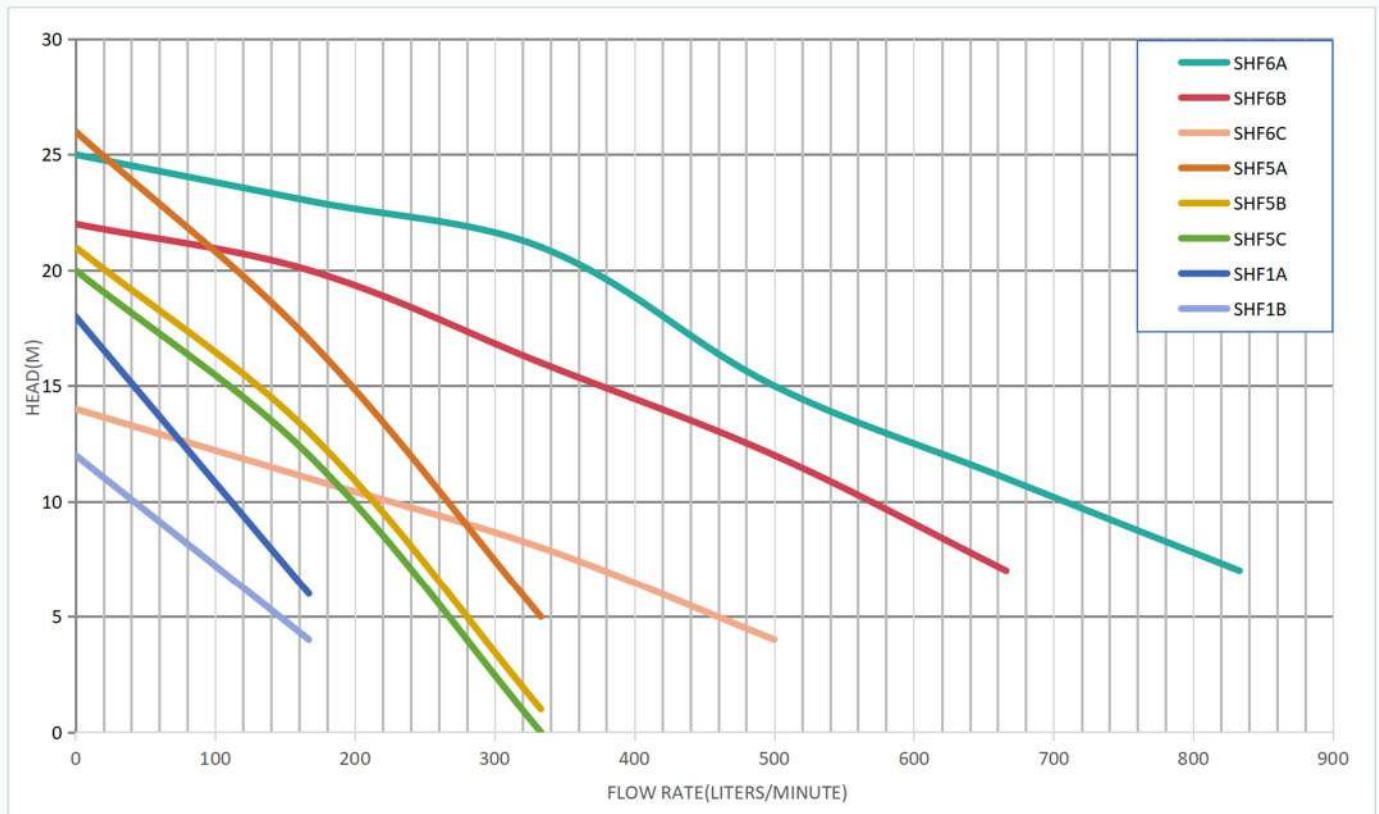
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
SHF1B(11.3-12-48-300)	20-48	30-40	300	11.3	12	/	1.5"	1*410W	External	Copper
SHF1A(15.3-18-100-700)	40-96	60 - 76	700	15.3	18	/	1.5"	2*410W	External	Copper
SHF5C(20.0-20-100-800)	40-96	60 - 76	800	20.0	20	/	2"	2*410W	External	Copper
SHF5B(20.9-21-180-1200)	80-180	96 - 130	1200	20.9	21	/	2"	4*410W	External	Copper
SHF5A(22.1-26-450-1500)	60-450	180-230	1500	22.1	26	/	2"	5*410W	External	Copper
SHF6C(37.2-14-450-1600)	60-450	180-230	1600	37.2	14	/	3"	5*410W	External	Copper
SHF6B(48.4-22-450-2200)	60-450	220-300V	2200	48.4	22	/	3"	6*410W	External	Copper
SHF6A(60.9-25-450-2800)	60-450	300-380V	2800	60.9	25	/	3"	8*410W	External	Copper

Max Flow 15.0-50.0m³/h Range

DC Surface Solar Pump
External controller & Internal controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	167	333	500	666	833
MODEL	HEAD(m)					
SHF1B(11.3-12-48-300)	12	4				
SHF1A(15.3-18-100-700)	18	6				
SHF5C(20.0-20-100-800)	20	12	0			
SHF5B(20.9-21-180-1200)	21	13	1			
SHF5A(22.1-26-450-1500)	26	17	5			
SHF6C(37.2-14-450-1600)	14	11	8	4		
SHF6B(48.4-22-450-2200)	22	20	16	12	7	
SHF6A(60.9-25-450-2800)	25	23	21	15	11	7

Max Flow 35.0m³/h Range

DC Swimming Pool Pump
External controller



Pump

Impeller: Plastic
Winding: Copper
Bearing: NSK



MPPT Controller

Function:

- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

TECHNICAL DATA

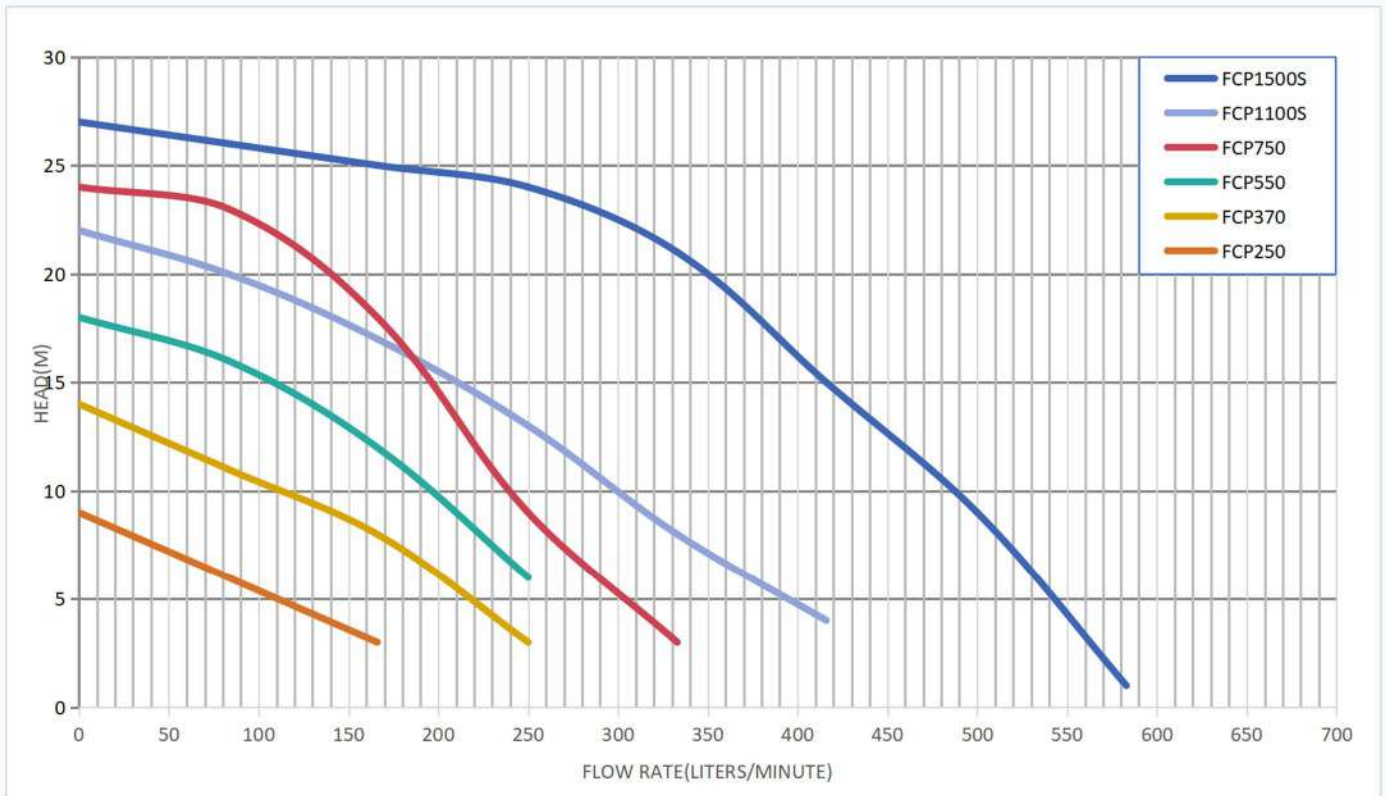
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
FCP250(12.2-9-48-400)	20-48	30-40V	400	12.2	9	/	2"	1*410W	External	Plastic
FCP370(16.9-14-100-800)	40-96	60-76V	800	16.9	14	/	2"	2*410W	External	Plastic
FCP550(19.0-18-150-1000)	60-150	90-110V	1000	19.0	18	/	2"	3*410W	External	Plastic
FCP750(20.8-24-180-1200)	80-180	96-130V	1200	20.8	24	/	2"	4*410W	External	Plastic
FCP1100S(29.3-22-450-1600)	60-450	180-230V	1600	29.3	22	/	2.5"	5*410W	External	Plastic
FCP1500S(36.4-27-450-2200)	60-450	220-300V	2200	36.4	27	/	2.5"	6*410W	External	Plastic

Max Flow 35.0m³/h Range

DC Swimming Pool Pump
External controller & Internal controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	83	166	250	333	416	500	583
MODEL	HEAD(m)							
FCP250(12.2-9-48-400)	9	6	3					
FCP370(16.9-14-100-800)	14	11	8	3				
FCP550(19.0-18-150-1000)	18	16	12	6				
FCP750(20.8-24-180-1200)	24	23	18	9	3			
FCP1100S(29.3-22-450-1600)	22	20	17	13	8	4		
FCP1500S(36.4-27-450-2200)	27	26	25	24	21	15	9	1

Max Flow 4.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Plastic

Motor: Water filled

Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system

Internal controller system



TECHNICAL DATA

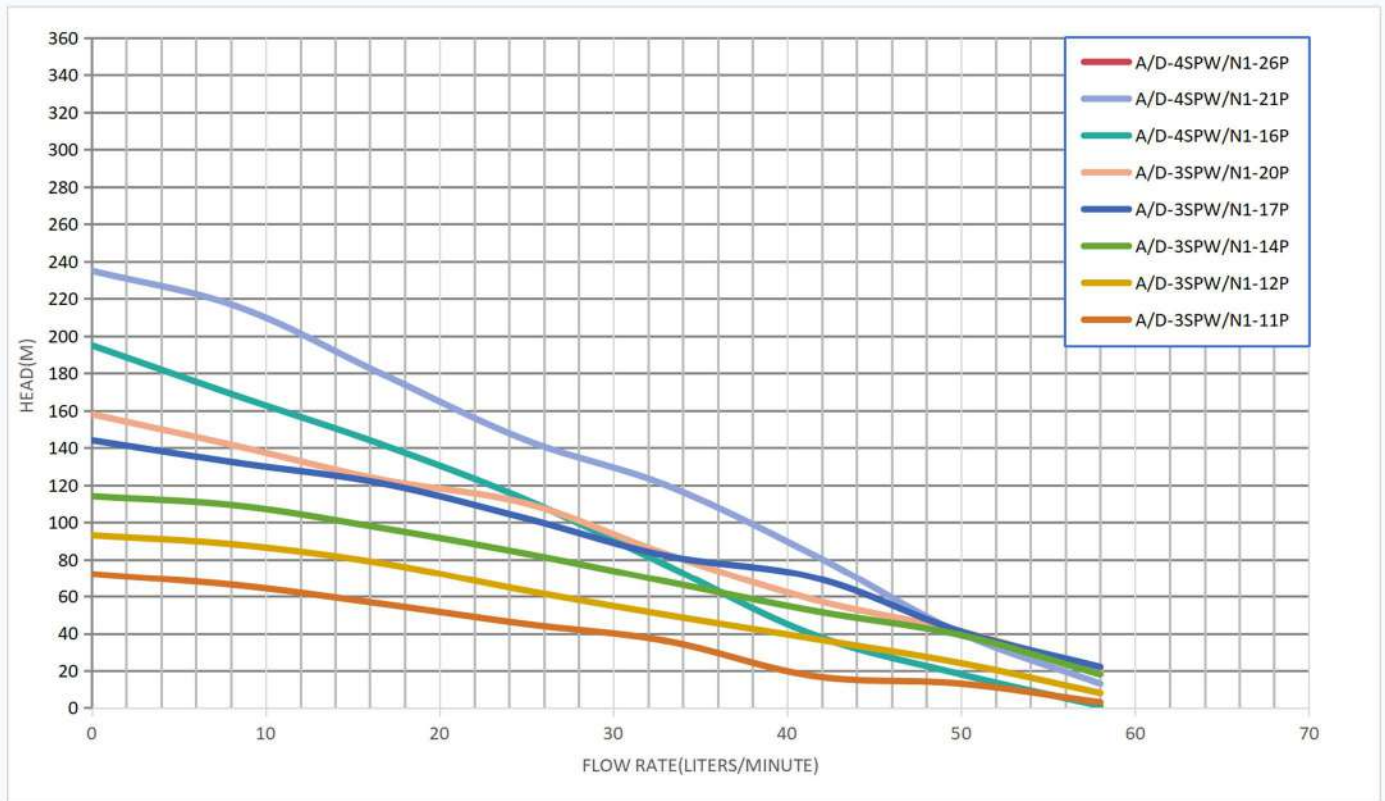
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-3SPW1-11P(3.6-72-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	3.6	72	3"	1.5"	2*410W	External	Plastic
A/D-3SPW1-12P(3.8-93-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	3.8	93	3"	1.5"	3*410W	External	Plastic
A/D-3SPW1-14P(4.0-114-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	4.0	114	3"	1.5"	4*410W	External	Plastic
A/D-3SPW1-17P(4.1-144-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	4.1	144	3"	1.5"	4*410W	External	Plastic
A/D-3SPW1-20P(3.8-158-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	3.8	158	3"	1.5"	4*410W	External	Plastic
A/D-4SPW/N1-16P(3.6-195-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	3.6	195	4"	2"	5*410W	External/Internal	Plastic
A/D-4SPW/N1-21P(3.7-235-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	3.7	235	4"	2"	6*410W	External/Internal	Plastic
A/D-4SPW/N1-26P(3.7-325-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	3.7	325	4"	2"	8*410W	External/Internal	Plastic

Max Flow 4.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	8.3	16.6	25	33	41.6	50	58
MODEL	HEAD(m)							
A/D-3SPW1-11P(3.6-72-450-600)	72	66	56	45	36	17	13	3
A/D-3SPW1-12P(3.8-93-450-1000)	93	88	78	63	50	37	24	8
A/D-3SPW1-14P(4.0-114-450-1200)	114	109	97	83	68	52	39	18
A/D-3SPW1-17P(4.1-144-450-1500)	144	132	121	102	82	70	41	22
A/D-3SPW1-20P(3.8-158-450-1500)	158	141	123	110	83	58	41	20
A/D-4SPW/N1-16P(3.6-195-450-1800)	195	168	142	112	77	39	18	1
A/D-4SPW/N1-21P(3.7-235-450-2200)	235	216	180	144	120	82	40	13
A/D-4SPW/N1-26P(3.7-325-450-3000)	325	300	266	220	175	122	78	15

Max Flow 5.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Plastic

Motor: Water filled

Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system



Internal controller system



Monitor (optional)



TECHNICAL DATA

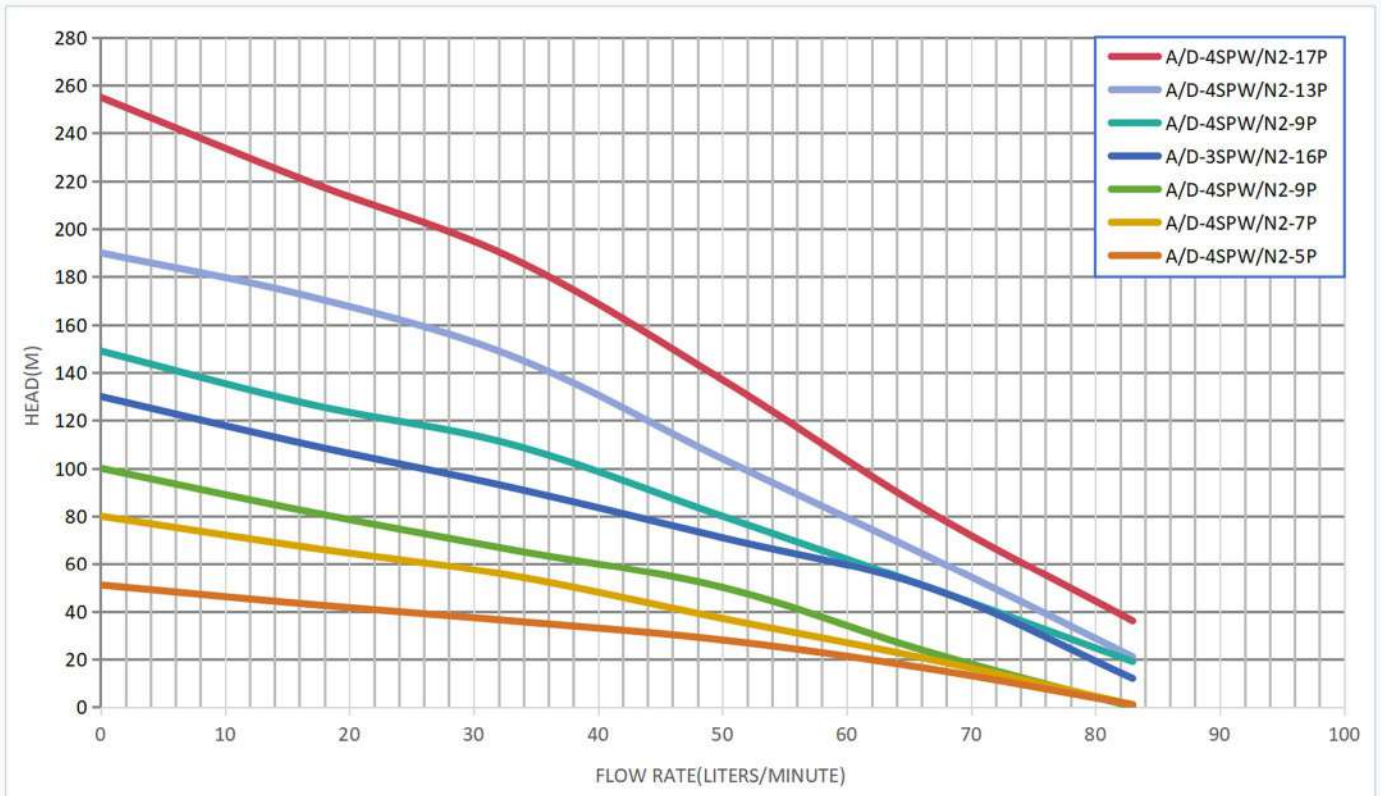
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW2-5P(5.2-51-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	5.2	51	4"	2"	2*410W	External	Plastic
A/D-4SPW2-7P(5.0-80-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	5.0	80	4"	2"	3*410W	External	Plastic
A/D-4SPW2-9P(5.0-100-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	5.0	100	4"	2"	4*410W	External	Plastic
A/D-3SPW2-16P(5.5-130-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	5.5	130	3"	1.5"	4*410W	External	Plastic
A/D-4SPW/N2-9P(5.7-149-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	5.7	149	4"	2"	5*410W	External/Internal	Plastic
A/D-4SPW/N2-13P(5.7-190-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	5.7	190	4"	2"	6*410W	External/Internal	Plastic
A/D-4SPW/N2-17P(5.6-255-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	5.6	255	4"	2"	8*410W	External/Internal	Plastic

Max Flow 5.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83
MODEL	HEAD(m)					
A/D-4SPW2-5P(5.2-51-450-600)	51	43	36	28	16	1
A/D-4SPW2-7P(5.0-80-450-1000)	80	67	55	37	20	1
A/D-4SPW2-9P(5.0-100-450-1200)	100	82	66	50	23	0
A/D-3SPW2-16P(5.5-130-450-1500)	130	110	92	71	50	12
A/D-4SPW/N2-9P(5.7-149-450-1800)	149	127	110	80	50	19
A/D-4SPW/N2-13P(5.7-190-450-2200)	190	172	147	104	63	21
A/D-4SPW/N2-17P(5.6-255-450-3000)	255	220	188	137	82	36

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Plastic

Motor: Water filled

Thrust Bearing system

MPPT Controller

Function:

Hybrid controller

Dry-running protection

Reverse protection

Over-load protection

Over-voltage protection

Low-voltage protectio

Over-current protection

Over-power protection

Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

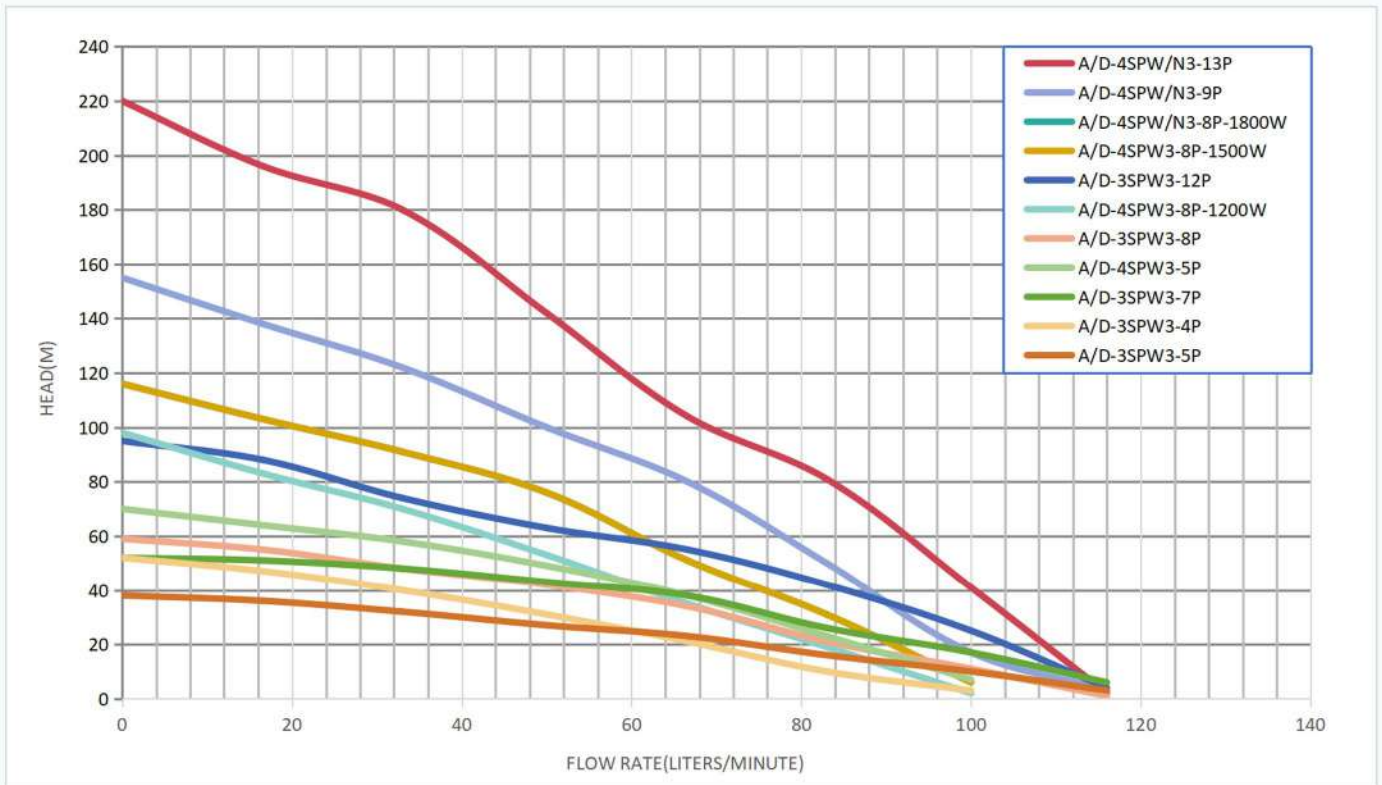
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-3SPW3-5P(7.4-38-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	7.4	38	3"	1.5"	2*410W	External	Plastic
A/D-4SPW3-4P(6.2-52-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	6.2	52	4"	2"	2*410W	External	Plastic
A/D-3SPW3-7P(7.8-52-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	7.8	52	3"	1.5"	3*410W	External	Plastic
A/D-4SPW3-5P(6.9-70-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	6.9	70	4"	2"	3*410W	External	Plastic
A/D-3SPW3-8P(7.0-59-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	7.0	59	3"	1.5"	4*410W	External	Plastic
A/D-4SPW3-8P(6.1-98-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	6.1	98	4"	2"	4*410W	External	Plastic
A/D-3SPW3-12P(7.4-95-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	7.4	95	3"	1.5"	4*410W	External	Plastic
A/D-4SPW3-8P(6.5-116-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	6.5	116	4"	2"	4*410W	External	Plastic
A/D-4SPW/N3-8P(7.3-130-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	7.3	130	4"	2"	5*410W	External/Internal	Plastic
A/D-4SPW/N3-9P(7.4-155-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	7.4	155	4"	2"	6*410W	External/Internal	Plastic
A/D-4SPW/N3-13P(7.2-220-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	7.2	220	4"	2"	8*410W	External/Internal	Plastic

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

MODEL	HEAD(m)								
	0	16.6	33	50	66.6	83	100	116	
A/D-3SPW3-5P(7.4-38-450-600)	38	36	32	27	23	16	10	3	
A/D-4SPW3-4P(6.2-52-450-600)	52	47	40	31	21	10	3		
A/D-3SPW3-7P(7.8-52-450-1000)	52	51	48	43	38	26	17	6	
A/D-4SPW3-5P(6.9-70-450-1000)	70	64	58	49	38	23	7		
A/D-3SPW3-8P(7.0-59-450-1200)	59	55	48	42	34	21	11	1	
A/D-4SPW3-8P(6.1-98-450-1200)	98	83	70	53	35	19	2		
A/D-3SPW3-12P(7.4-95-450-1500)	95	88	74	63	55	42	25	4	
A/D-4SPW3-8P(6.5-116-450-1500)	116	103	91	76	51	31	6		
A/D-4SPW/N3-8P(7.3-130-450-1800)	130	113	102	83	61	43	32	8	
A/D-4SPW/N3-9P(7.4-155-450-2200)	155	138	122	100	80	50	17	3	
A/D-4SPW/N3-13P(7.2-220-450-3000)	220	196	180	142	104	81	41	2	

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Plastic

Motor: Water filled

Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system



Internal controller system



Monitor (optional)



TECHNICAL DATA

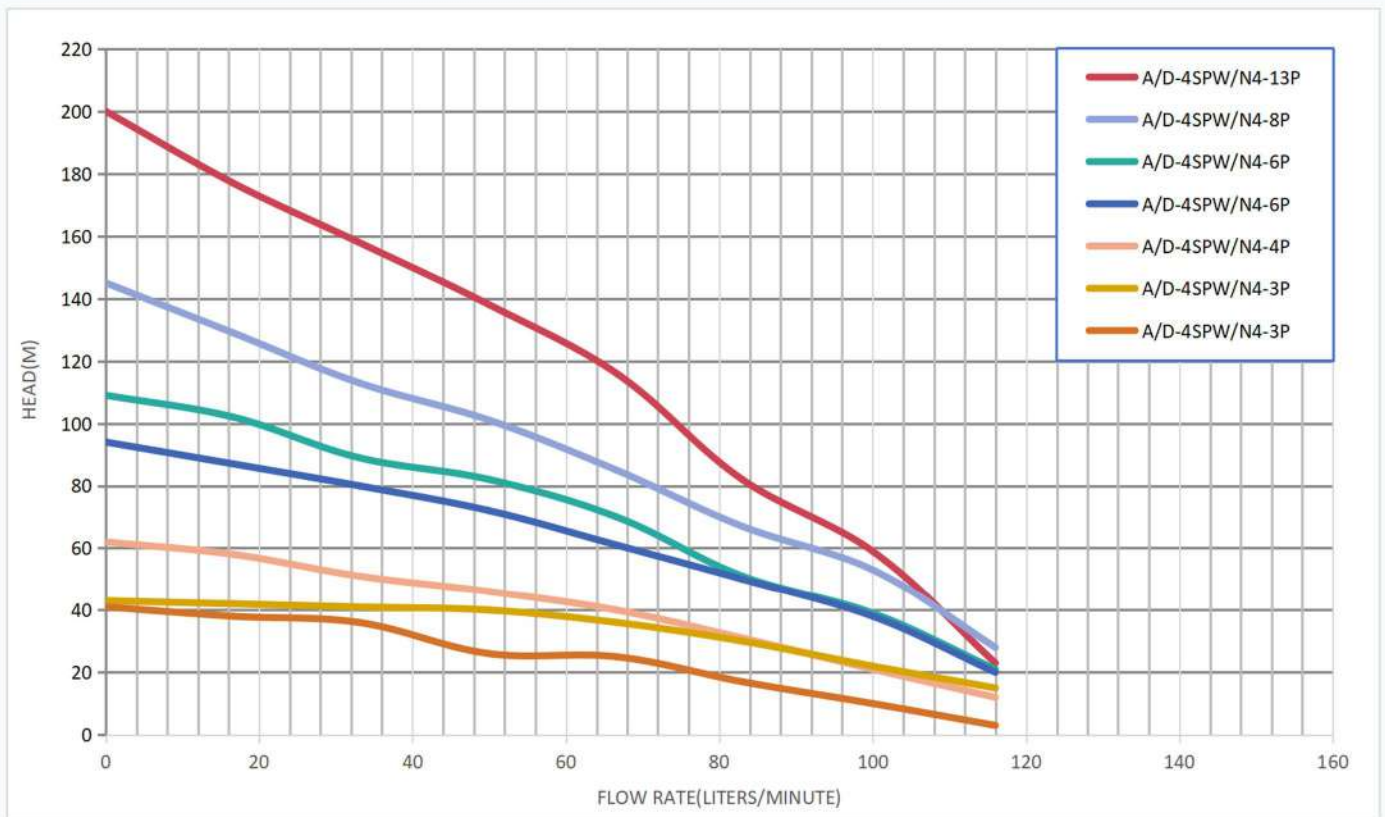
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW4-3P(7.5-41-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	7.5	41	4"	2"	2*410W	External	Plastic
A/D-4SPW4-3P(8.8-43-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	8.8	43	4"	2"	3*410W	External	Plastic
A/D-4SPW4-4P(8.3-62-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	8.3	62	4"	2"	4*410W	External	Plastic
A/D-4SPW4-6P(8.5-94-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	8.5	94	4"	2"	4*410W	External	Plastic
A/D-4SPW/N4-6P(8.4-109-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	8.3	109	4"	2"	5*410W	External/Internal	Plastic
A/D-4SPW/N4-8P(8.5-145-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	8.4	145	4"	2"	6*410W	External/Internal	Plastic
A/D-4SPW/N4-13P(7.9-200-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	7.9	200	4"	2"	8*410W	External/Internal	Plastic

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116
MODEL	HEAD(m)							
A/D-4SPW4-3P(7.5-41-450-600)	41	38	36	26	25	17	10	3
A/D-4SPW4-3P(8.8-43-450-1000)	43	42	41	40	36	30	22	15
A/D-4SPW4-4P(8.3-62-450-1200)	62	58	51	46	40	31	21	12
A/D-4SPW4-6P(8.5-94-450-1500)	94	87	80	72	61	50	38	20
A/D-4SPW/N4-6P(8.4-109-450-1800)	109	102	89	82	70	51	39	21
A/D-4SPW/N4-8P(8.5-145-450-2200)	145	129	113	101	85	67	53	28
A/D-4SPW/N4-13P(7.9-200-450-3000)	200	177	158	138	116	82	59	23

Max Flow 12.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Plastic

Motor: Water filled

Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system



Internal controller system



Monitor (optional)



TECHNICAL DATA

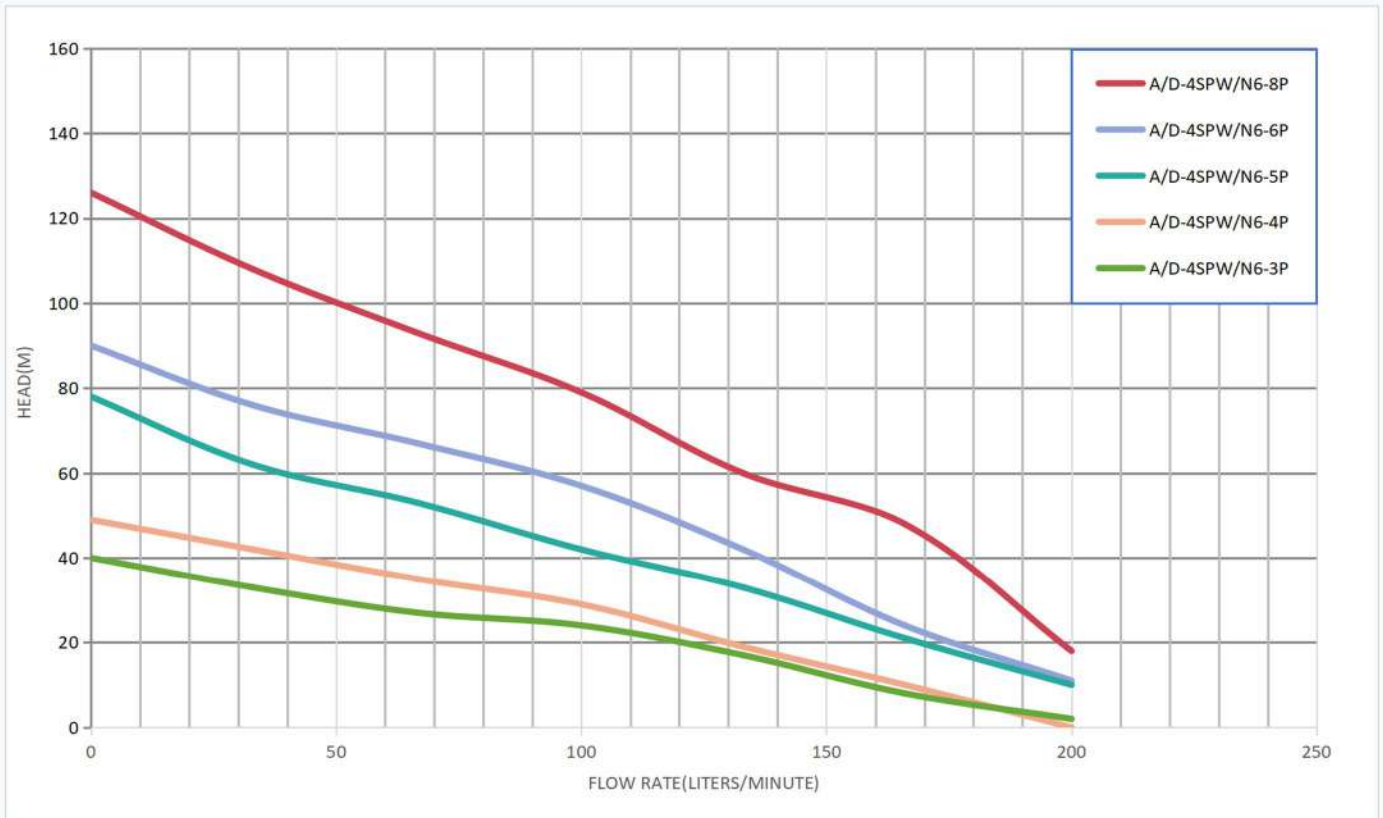
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW6-3P(12.4-40-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	12.4	40	4"	2"	3*410W	External	Plastic
A/D-4SPW6-4P(12.0-49-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	12.0	49	4"	2"	4*410W	External	Plastic
A/D-4SPW/N6-5P(13.2-78-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	13.2	78	4"	2"	5*410W	External/Internal	Plastic
A/D-4SPW/N6-6P(13.3-90-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	13.3	90	4"	2"	6*410W	External/Internal	Plastic
A/D-4SPW/N6-8P(14.0-126-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	14.0	126	4"	2"	8*410W	External/Internal	Plastic

Max Flow 12.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	33	66.6	100	133	166	200
MODEL	HEAD(m)						
A/D-4SPW6-3P(13.1-40-450-1000)	40	33	27	24	17	8	2
A/D-4SPW6-4P(12.0-49-450-1200)	49	42	35	29	19	10	0
A/D-4SPW/N6-5P(13.2-78-450-1800)	78	62	53	42	33	21	10
A/D-4SPW/N6-6P(13.0-90-450-2200)	90	76	67	57	42	24	11
A/D-4SPW/N6-8P(14.0-126-450-3000)	126	108	93	79	60	48	18

Max Flow 15.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Plastic

Motor: Water filled

Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

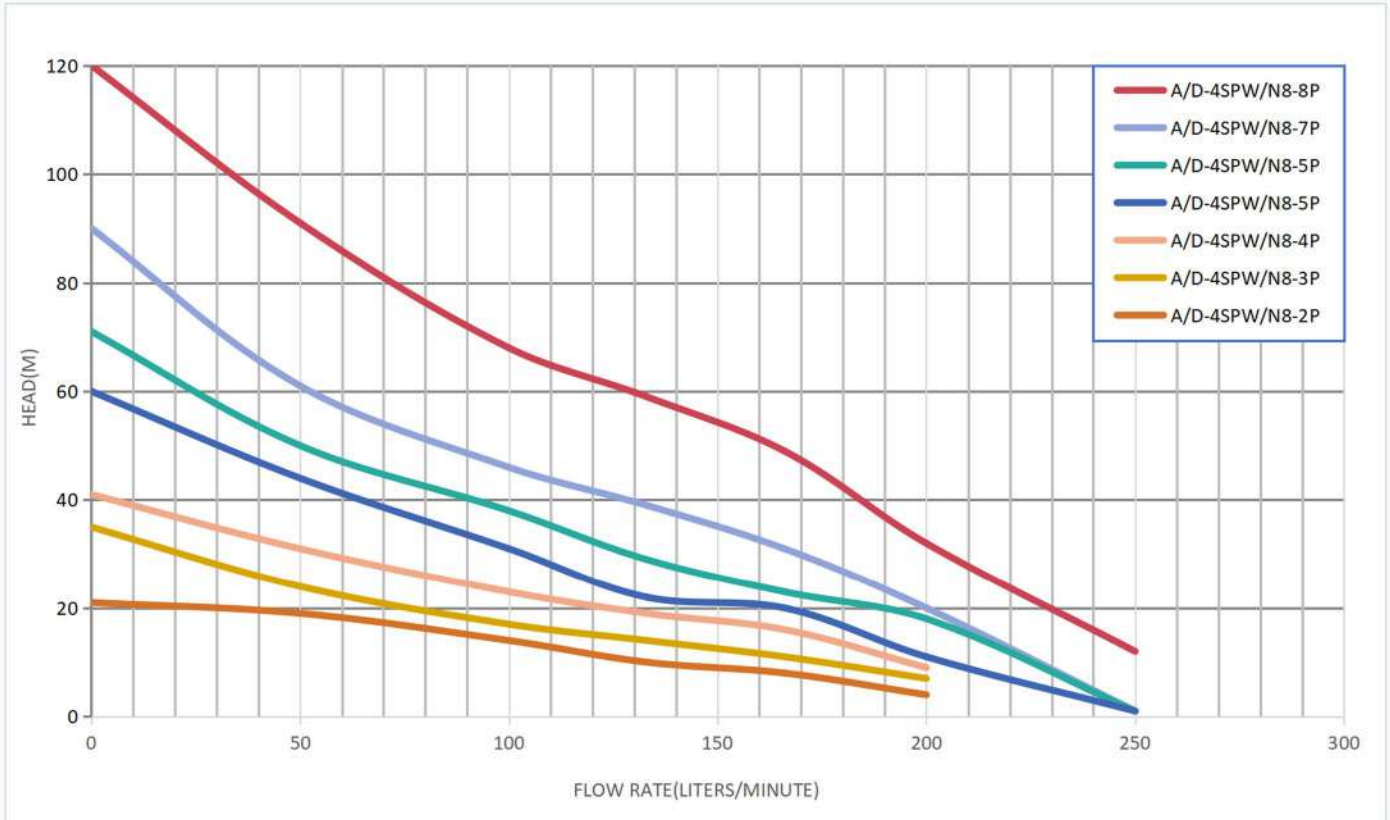
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW8-2P(13.3-21-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	13.3	21	4"	2"	2*410W	External	Plastic
A/D-4SPW8-3P(14.2-35-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	14.2	35	4"	2"	3*410W	External	Plastic
A/D-4SPW8-4P(14.1-41-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	14.1	41	4"	2"	4*410W	External	Plastic
A/D-4SPW8-5P(15.5-60-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	15.5	60	4"	2"	4*410W	External	Plastic
A/D-4SPW/N8-5P(15.8-71-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	15.8	71	4"	2"	5*410W	External/Internal	Plastic
A/D-4SPW/N8-7P(15.3-90-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	15.3	90	4"	2"	6*410W	External/Internal	Plastic
A/D-4SPW/N8-8P(16.7-120-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	16.7	120	4"	2"	8*410W	External/Internal	Plastic

Max Flow 15.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	133	166	200	250
MODEL	HEAD(m)						
A/D-4SPW8-2P(13.3-21-450-600)	21	19	14	10	8	4	
A/D-4SPW8-3P(14.2-35-450-1000)	35	24	17	14	11	7	
A/D-4SPW8-4P(14.1-41-450-1200)	41	31	23	19	16	9	
A/D-4SPW8-5P(15.5-60-450-1500)	60	44	31	22	20	11	1
A/D-4SPW/N8-5P(15.8-71-450-1800)	71	50	38	29	23	18	1
A/D-4SPW/N8-7P(15.3-90-450-2200)	90	61	46	39	31	20	1
A/D-4SPW/N8-8P(16.7-120-450-3000)	120	91	68	59	49	32	12

Max Flow 21.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Plastic

Motor: Water filled

Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system



Internal controller system



TECHNICAL DATA

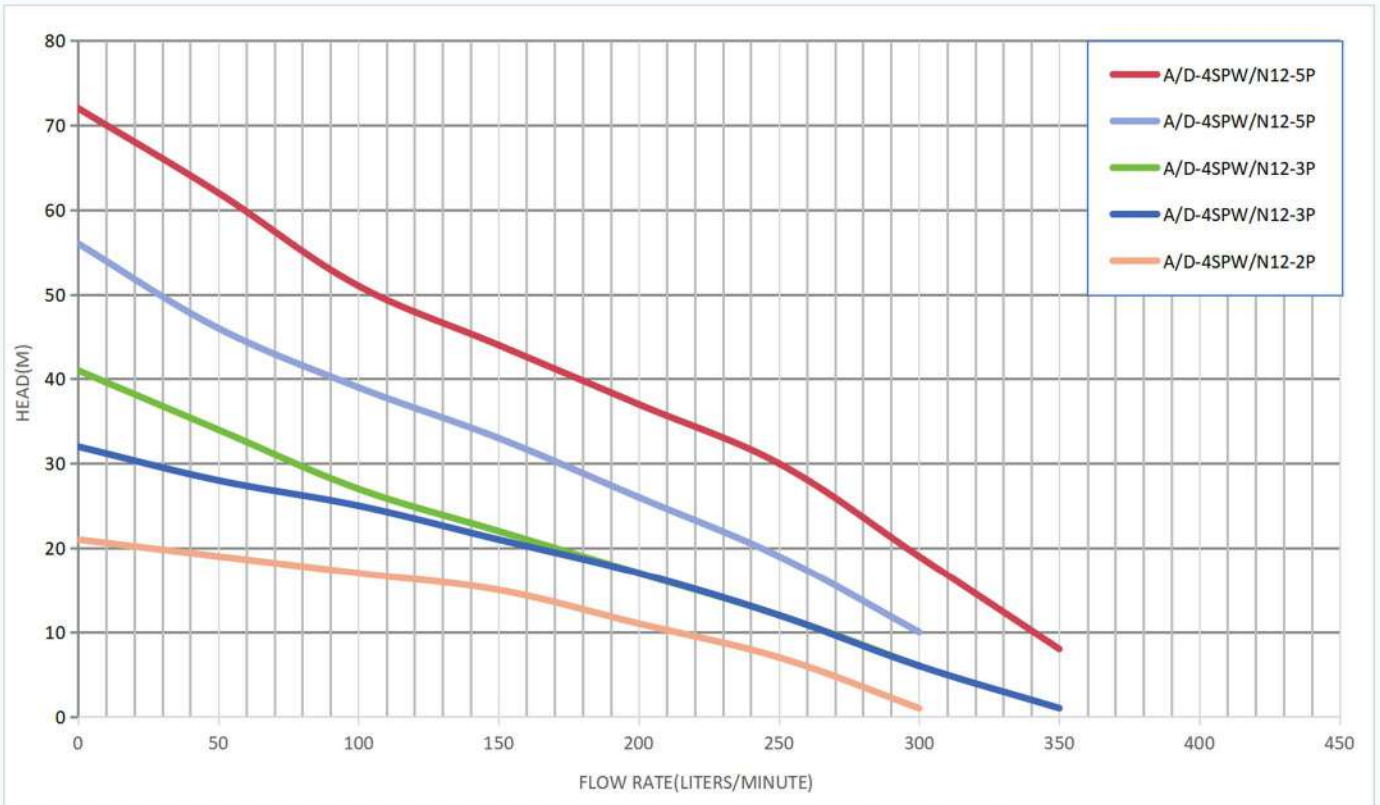
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW12-2P(18.2-21-450-1200)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1200	18.2	21	4"	2"	4*410W	External	Plastic
A/D-4SPW12-3P(21.1-32-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	21.1	32	4"	2"	4*410W	External	Plastic
A/D-4SPW/N12-3P(20.3-41-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	20.3	41	4"	2"	5*410W	External/Internal	Plastic
A/D-4SPW/N12-5P(20.3-56-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	20.3	56	4"	2"	6*410W	External/Internal	Plastic
A/D-4SPW/N12-5P(22.9-72-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	22.9	72	4"	2"	8*410W	External/Internal	Plastic

Max Flow 21.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	150	200	250	300	350
MODEL	HEAD(m)							
A/D-4SPW12-2P(18.2-21-450-1200)	21	19	17	15	11	7	1	
A/D-4SPW12-3P(21.1-32-450-1500)	32	28	25	21	17	12	6	1
A/D-4SPW/N12-3P(20.3-41-450-1800)	41	34	27	22	17	12	6	
A/D-4SPW/N12-5P(20.3-56-450-2200)	56	46	39	33	26	19	10	
A/D-4SPW/N12-5P(22.9-72-450-3000)	72	62	51	44	37	30	19	8

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protectio
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system

Internal controller system



Monitor (optional)



TECHNICAL DATA

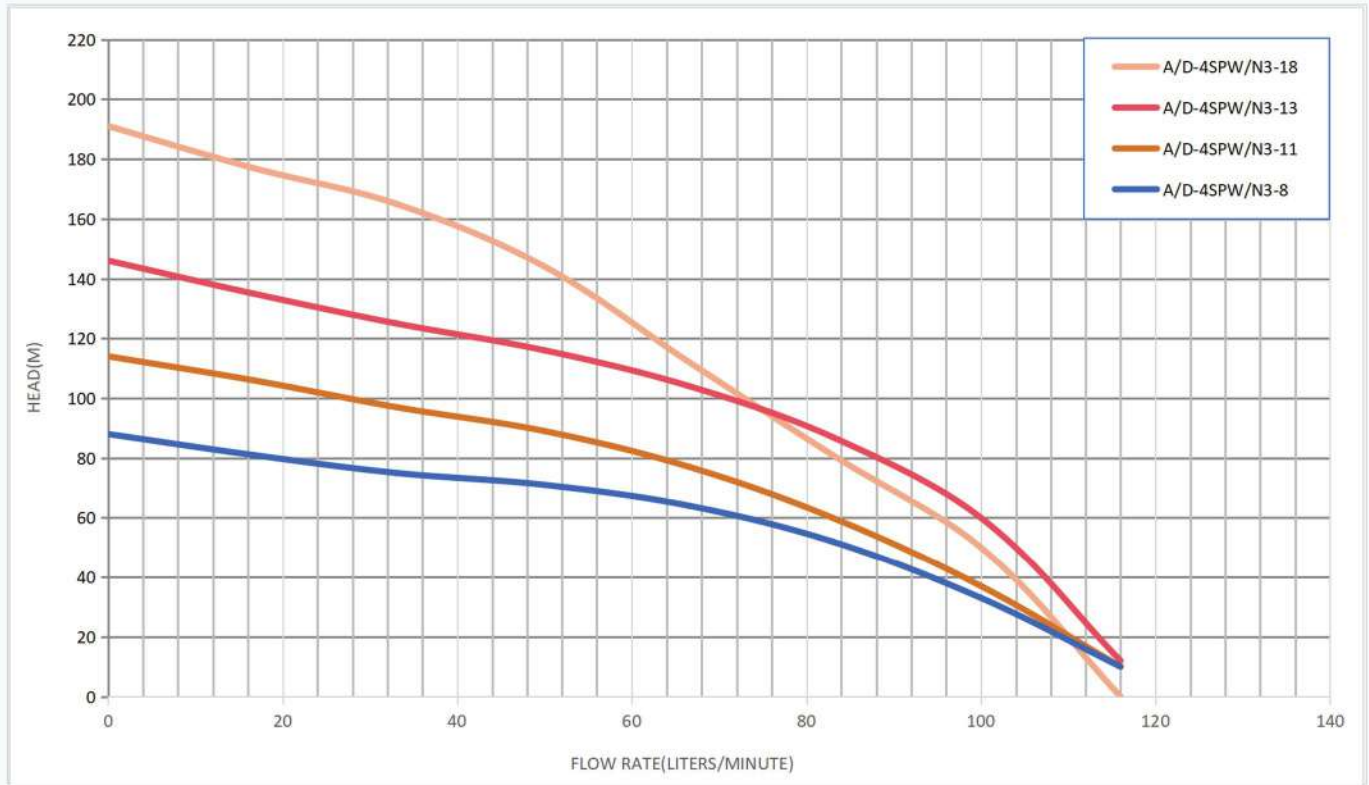
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW/N3-8 (7.2-88-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	7.2	88	4"	1.25"	5*410W	External/Internal	SS304
A/D-4SPW/N3-11 (7.2-114-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	7.2	114	4"	1.25"	6*410W	External/Internal	SS304
A/D-4SPW/N3-13 (7.2-146-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2500	7.2	146	4"	1.25"	7*410W	External/Internal	SS304
A/D-4SPW/N3-18 (7.0-191-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	7.0	191	4"	1.25"	8*410W	External/Internal	SS304

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116
MODEL	HEAD(m)							
A/D-4SPW/N3-8(7.2-88-450-1800)	88	81	75	71	64	52	33	10
A/D-4SPW/N3-11(7.2-114-450-2200)	114	106	97	89	77	60	37	10
A/D-4SPW/N3-13(7.2-146-450-2500)	146	135	125	116	104	87	60	12
A/D-4SPW/N3-18(7.0-191-450-3000)	191	177	165	144	112	81	50	0

Max Flow 6.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system

Internal controller system



Monitor (optional)



TECHNICAL DATA

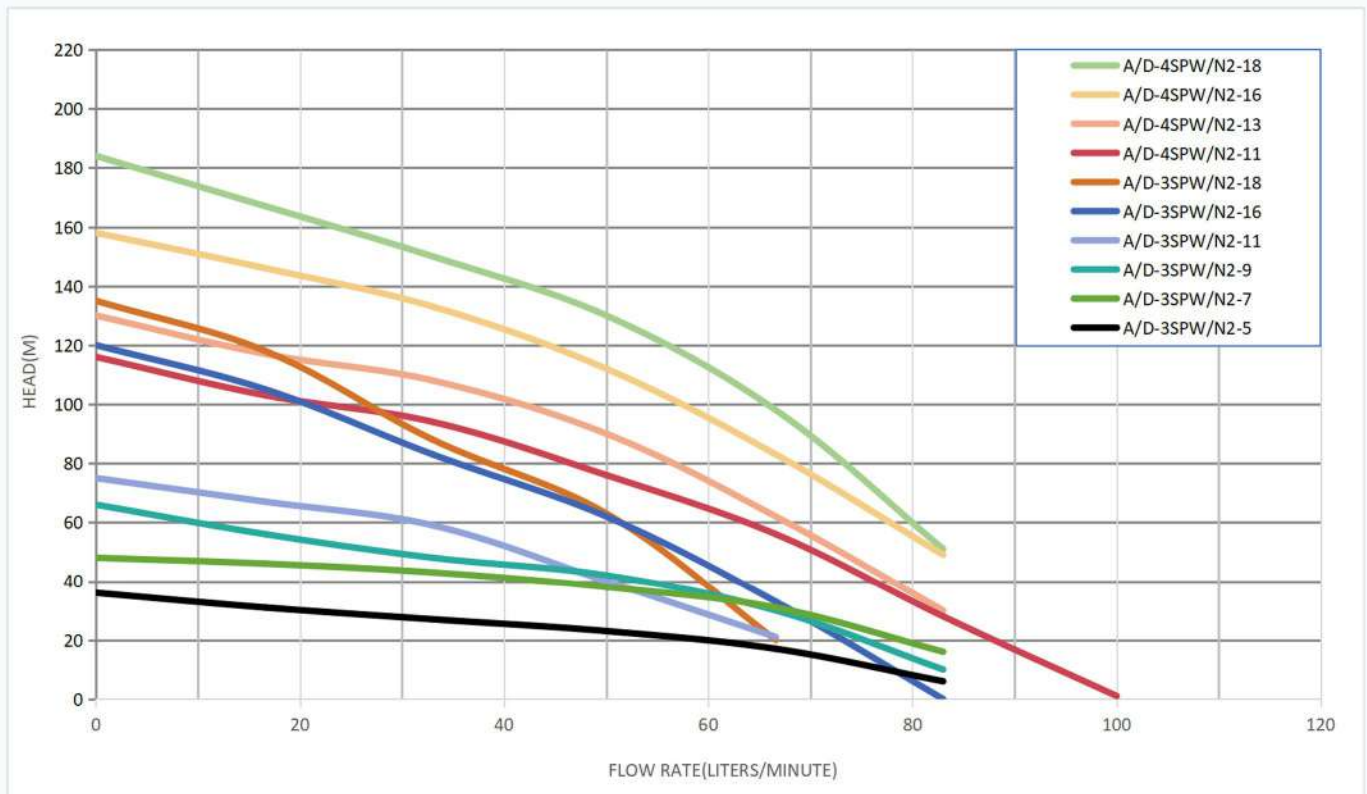
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-3SPW2-5(5.1-36-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	5.1	36	3"	1.25"	2*410W	External	SS304
A/D-3SPW2-7(5.4-48-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	5.4	48	3"	1.25"	3*410W	External	SS304
A/D-3SPW2-9(5.4-66-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	5.4	66	3"	1.25"	4*410W	External	SS304
A/D-3SPW2-11(4.9-75-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	4.9	75	3"	1.25"	4*410W	External	SS304
A/D-3SPW2-16(5.0-120-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	5.0	120	3"	1.25"	4*410W	External	SS304
A/D-3SPW2-18(4.5-135-450-1500)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1500	4.5	135	3"	1.25"	4*410W	External	SS304
A/D-4SPW/N2-11(6.1-116-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	6.1	116	4"	1.25"	5*410W	External/Internal	SS304
A/D-4SPW/N2-13(5.5-130-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	5.5	130	4"	1.25"	6*410W	External/Internal	SS304
A/D-4SPW/N2-16(5.8-158-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2500	5.8	158	4"	1.25"	7*410W	External/Internal	SS304
A/D-4SPW/N2-18(5.7-184-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	5.7	184	4"	1.25"	8*410W	External/Internal	SS304

Max Flow 6.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100
MODEL	HEAD(m)						
A/D-3SPW2-5(5.1-36-450-600)	36	31	27	23	17	6	
A/D-3SPW2-7(5.4-48-450-1000)	48	46	43	38	31	16	
A/D-3SPW2-9(5.4-66-450-1200)	66	56	48	42	30	10	
A/D-3SPW2-11(4.9-75-450-1200)	75	67	59	40	21		
A/D-3SPW2-16(5.0-120-450-1500)	120	105	83	62	33	0	
A/D-3SPW2-18(4.5-135-450-1500)	135	118	88	63	20		
A/D-4SPW/N2-11(6.1-116-450-1800)	116	103	94	76	56	28	1
A/D-4SPW/N2-13(5.5-130-450-2200)	130	117	108	90	62	30	
A/D-4SPW/N2-16(5.8-158-450-2500)	158	146	133	112	83	49	
A/D-4SPW/N2-18(5.7-184-450-3000)	184	167	150	130	98	51	

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system

Internal controller system



TECHNICAL DATA

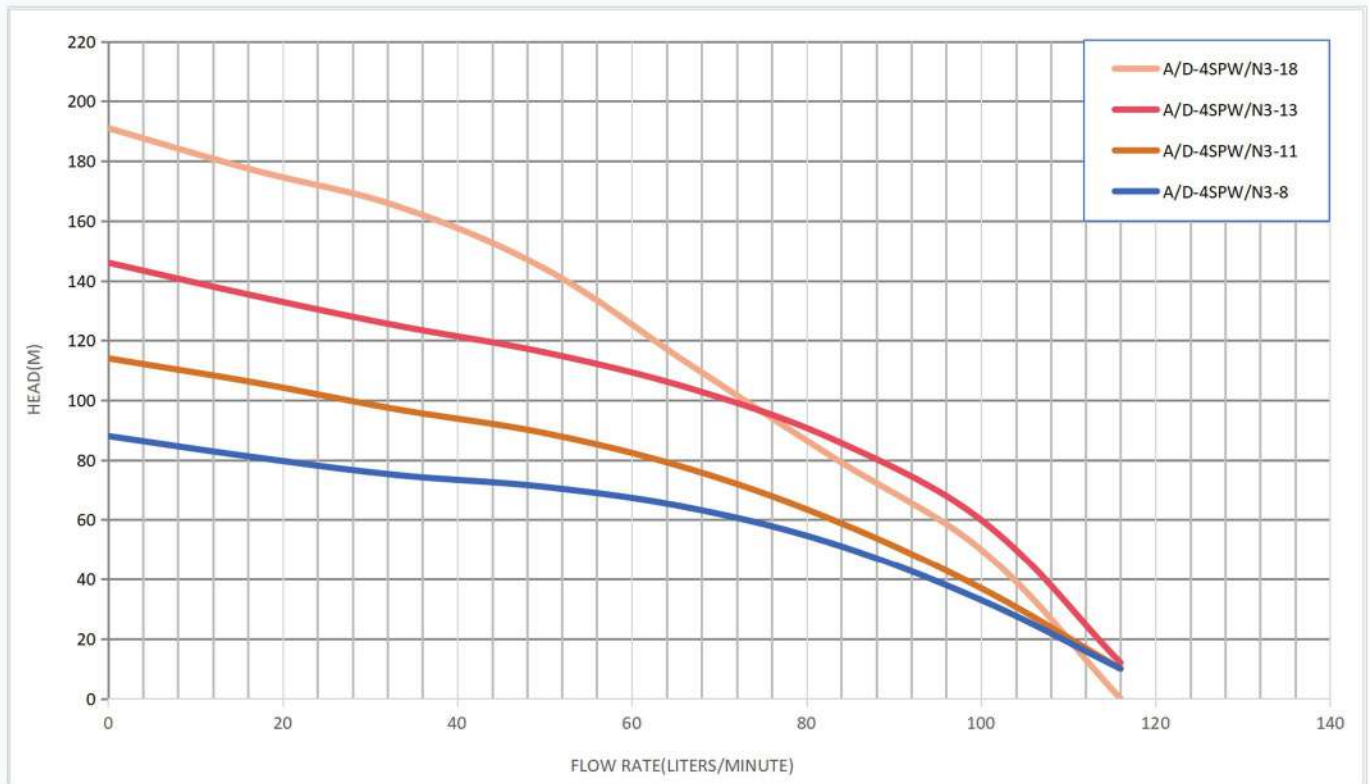
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW/N3-8 (7.2-88-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	7.2	88	4"	1.25"	5*410W	External/Internal	SS304
A/D-4SPW/N3-11 (6.8-114-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	6.8	114	4"	1.25"	6*410W	External/Internal	SS304
A/D-4SPW/N3-13 (7.2-146-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2500	7.2	146	4"	1.25"	7*410W	External/Internal	SS304
A/D-4SPW/N3-18 (7.0-191-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	7.0	191	4"	1.25"	8*410W	External/Internal	SS304

Max Flow 7.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116
MODEL	HEAD(m)							
A/D-4SPW/N3-8(7.2-88-450-1800)	88	81	75	71	64	52	33	10
A/D-4SPW/N3-11(6.8-114-450-2200)	114	106	97	89	77	60	37	10
A/D-4SPW/N3-13(7.2-146-450-2500)	146	135	125	116	104	87	60	12
A/D-4SPW/N3-18(7.0-191-450-3000)	191	177	165	144	112	81	50	0

Max Flow 10.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protection
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system

Internal controller system



TECHNICAL DATA

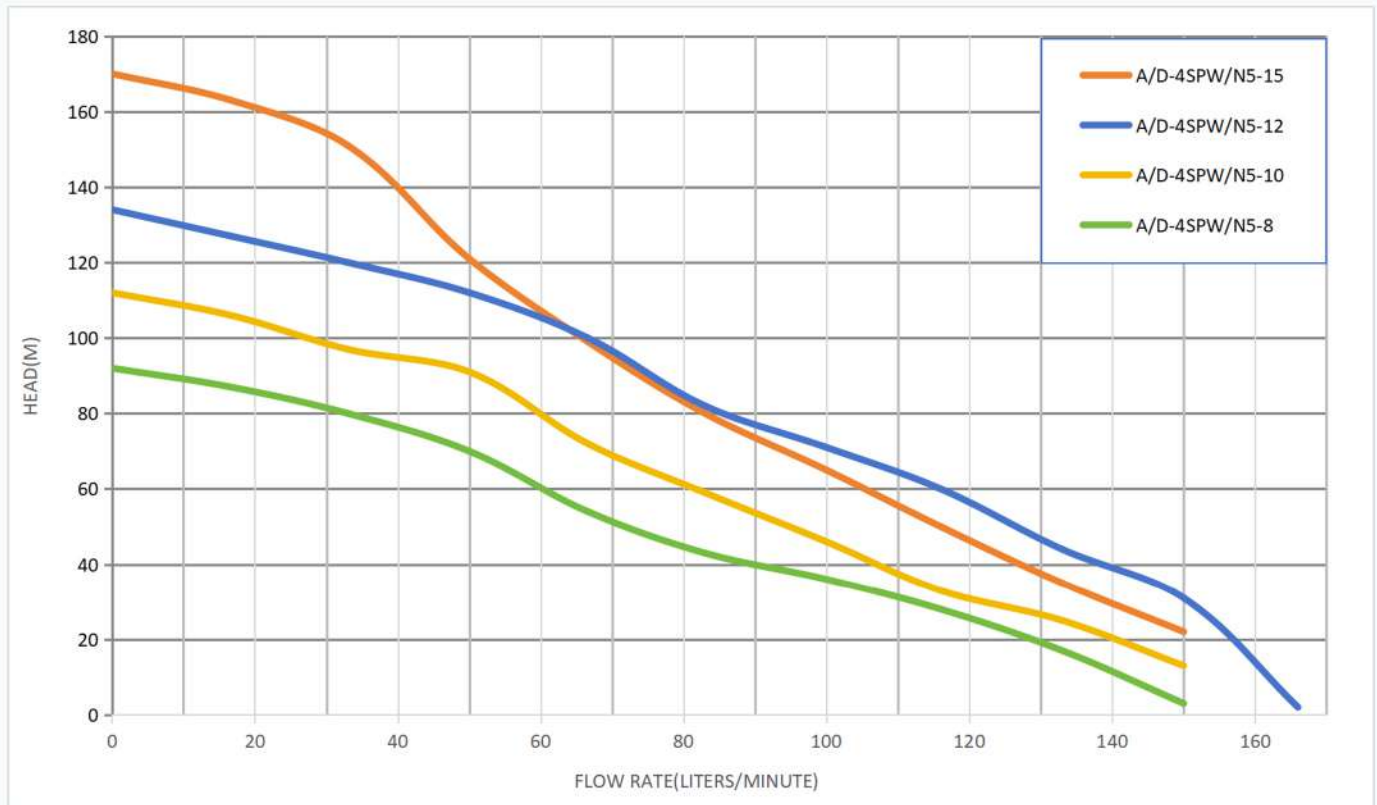
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW/N5-8 (9.4-92-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	9.4	92	4"	1.5"	5*410W	External/Internal	SS304
A/D-4SPW/N5-10 (9.7-112-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	9.7	112	4"	1.5"	6*410W	External/Internal	SS304
A/D-4SPW/N5-12 (10.3-134-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2500	10.3	134	4"	1.5"	7*410W	External/Internal	SS304
A/D-4SPW/N5-15 (9.7-170-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	9.7	170	4"	1.5"	8*410W	External/Internal	SS304

Max Flow 10.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	33	50	66.6	83	100	116	133	150	166
MODEL	HEAD(m)										
A/D-4SPW/N5-8 (9.4-92-450-1800)	92	87	80	70	54	43	36	28	17	3	
A/D-4SPW/N5-10 (9.7-112-450-2200)	112	106	97	91	72	59	46	33	25	13	
A/D-4SPW/N5-12 (10.3-134-450-2500)	134	127	120	112	100	82	71	60	44	31	2
A/D-4SPW/N5-15 (9.7-170-450-3000)	170	163	151	121	99	80	65	50	35	22	

Max Flow 15.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Hybrid controller
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protectio
Over-current protection
Over-power protection
Lost Phase protection

External controller system

Internal controller system



Monitor (optional)



TECHNICAL DATA

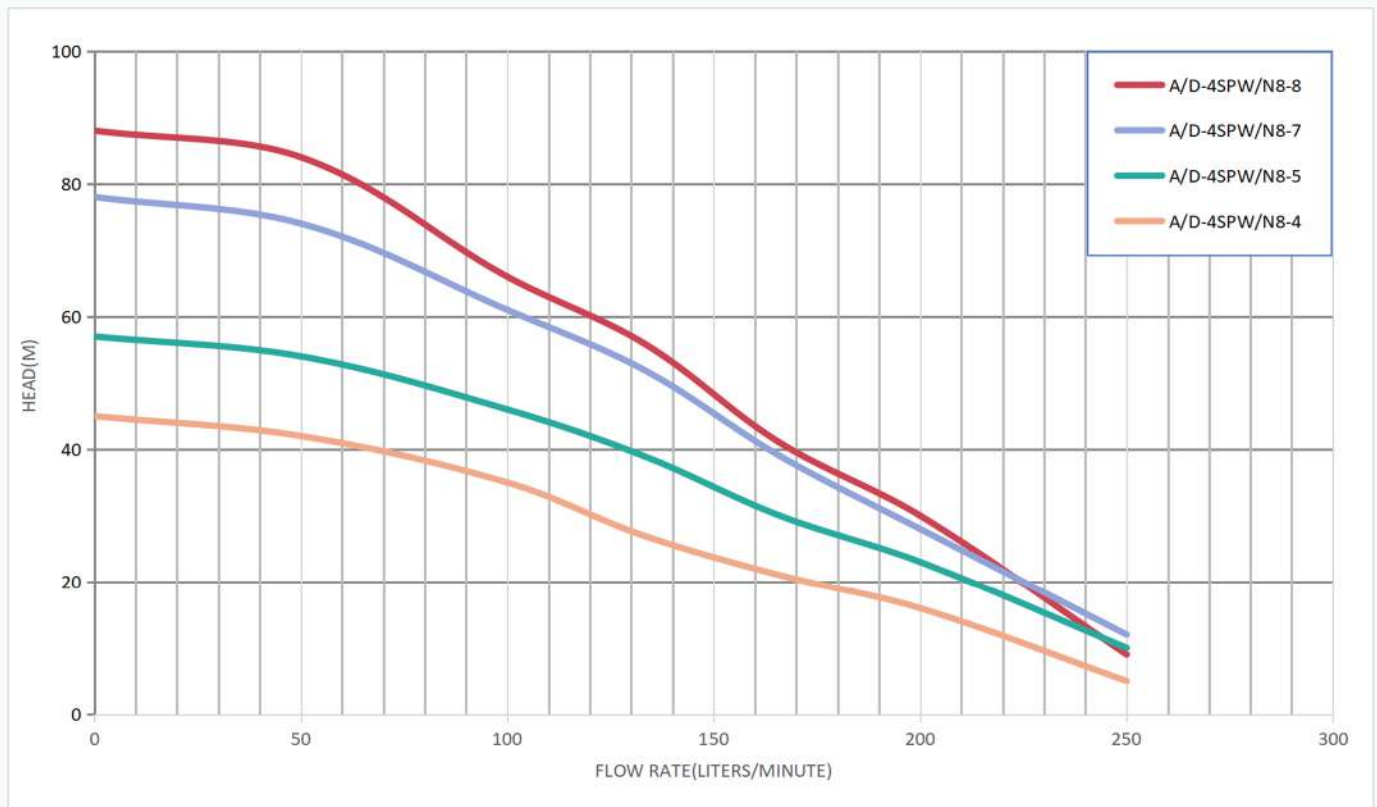
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW/N8-4 (16.0-45-450-1800)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1800	16.0	45	4"	2"	5*410W	External/Internal	SS304
A/D-4SPW/N8-5 (16.6-57-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	16.6	57	4"	2"	6*410W	External/Internal	SS304
A/D-4SPW/N8-7 (16.9-78-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2500	16.9	78	4"	2"	7*410W	External/Internal	SS304
A/D-4SPW/N8-8 (15.7-88-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	15.7	88	4"	2"	8*410W	External/Internal	SS304

Max Flow 15.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	133	166	200	250
MODEL	HEAD(m)						
A/D-4SPW/N8-4 (16.0-45-450-1800)	45	42	35	27	21	16	5
A/D-4SPW/N8-5 (16.6-57-450-2200)	57	54	46	39	30	23	10
A/D-4SPW/N8-7 (16.9-78-450-2500)	78	74	61	52	39	28	12
A/D-4SPW/N8-8 (15.7-88-450-3000)	88	84	66	56	41	30	9

Max Flow 27.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protectio
- Over-current protection
- Over-power protection
- Lost Phase protection

External controller system

Internal controller system



TECHNICAL DATA

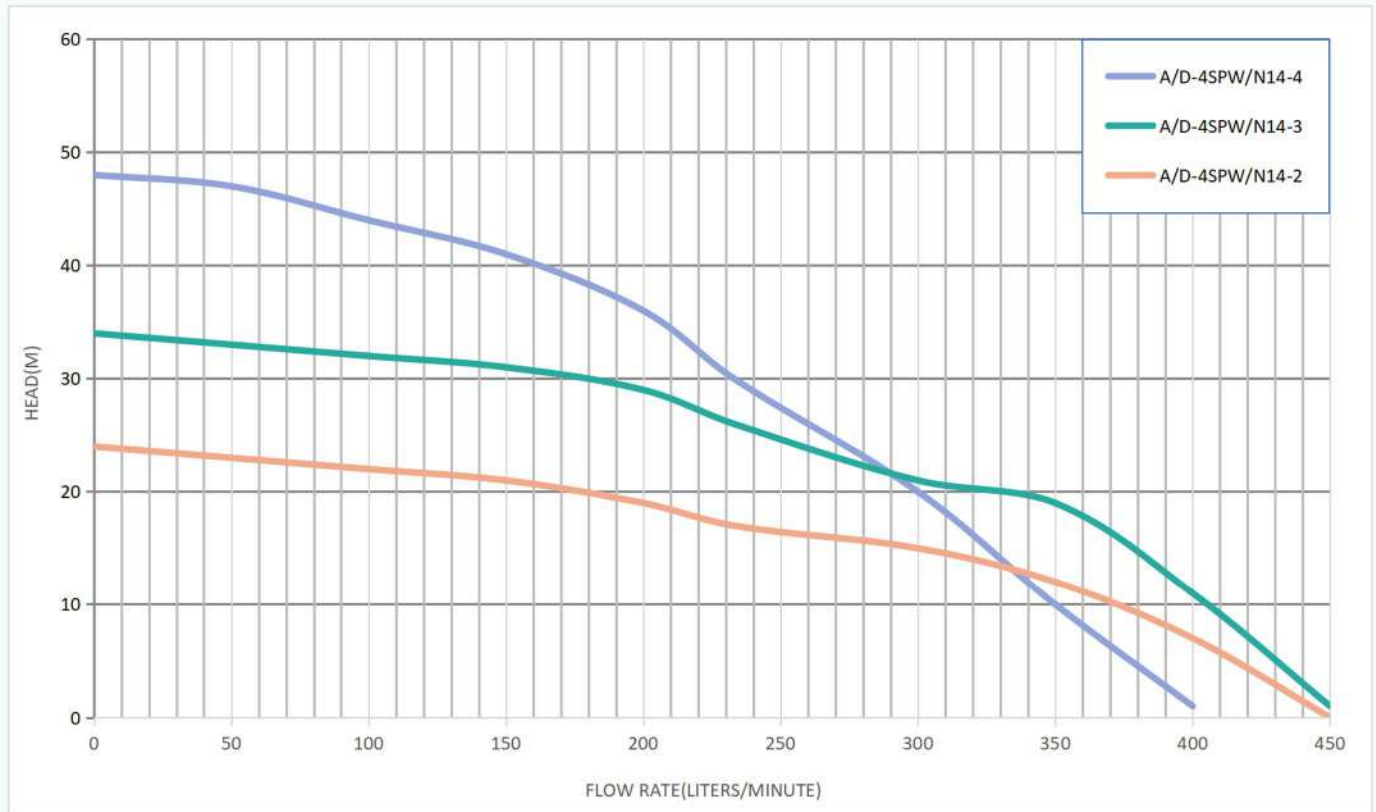
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-4SPW/N14-2 (27.0-24-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	27.0	24	4"	2"	6*410W	External/Internal	SS304
A/D-4SPW/N14-3 (27.3-34-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2600	27.3	34	4"	2"	7*410W	External/Internal	SS304
A/D-4SPW/N14-4 (24.3-48-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	24.3	48	4"	2"	8*410W	External/Internal	SS304

Max Flow 27.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	50	100	150	200	233	300	350	400	450
MODEL	HEAD(m)									
A/D-4SPW/N14-2(27.0-24-450-2200)	24	23	22	21	19	17	15	12	7	0
A/D-4SPW/N14-3(27.3-34-450-2500)	34	33	32	31	29	26	21	19	11	1
A/D-4SPW/N14-4(24.3-48-450-3000)	48	47	44	41	36	30	20	10	1	

Max Flow 30.0m³/h-45.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Hybrid controller
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protectio
Over-current protection
Over-power protection
Lost Phase protection

External controller system

Internal controller system



Monitor (optional)



TECHNICAL DATA

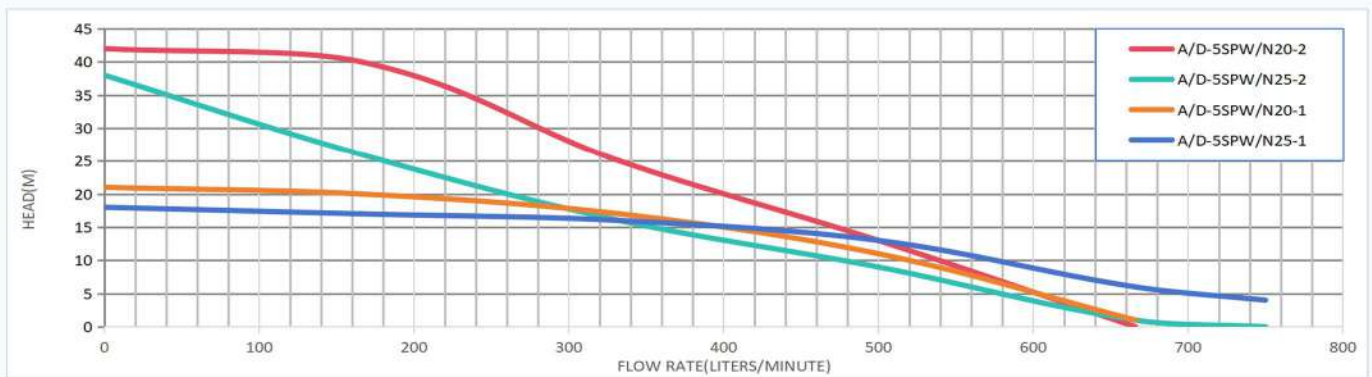
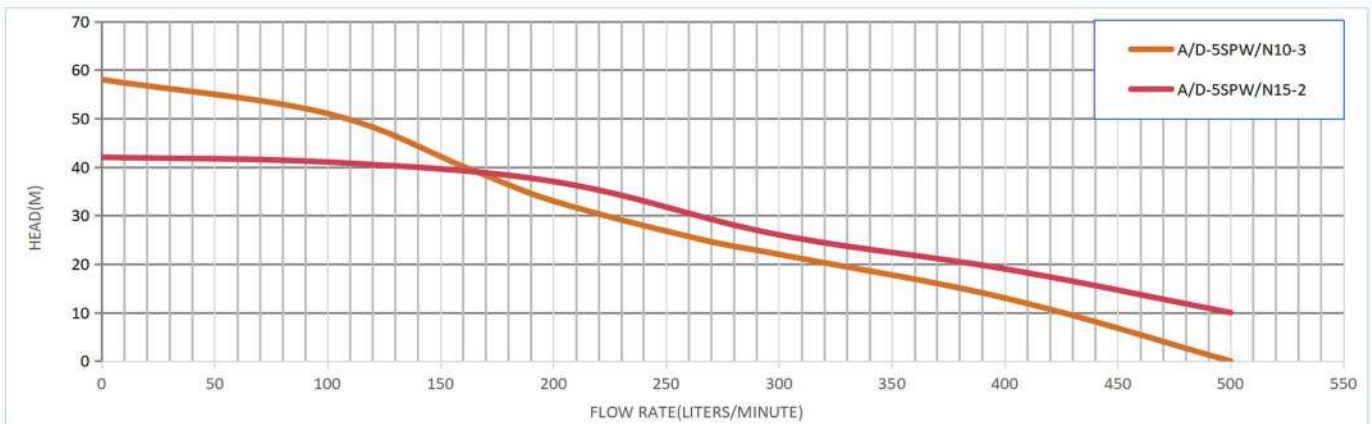
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-5SPW/N10-3(30.0-58-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	30.0	58	5"	2.5"	8*410W	External/Internal	SS304
A/D-5SPW/N15-2(35.0-42-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	35.0	42	5"	2.5"	8*410W	External/Internal	SS304
A/D-5SPW/N20-1(42.9-21-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2500	42.9	21	5"	2.5"	7*410W	External/Internal	SS304
A/D-5SPW/N25-1(49.6-18-450-2500)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2500	49.6	18	5"	2.5"	7*410W	External/Internal	SS304
A/D-5SPW/N20-2(40.0-42-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	40.0	42	5"	2.5"	8*410W	External/Internal	SS304
A/D-5SPW/N25-2(45.0-38-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	45.0	38	5"	2.5"	8*410W	External/Internal	SS304

Max Flow 30.0m³/h-45.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	100	200	300	400	500
MODEL	HEAD(m)					
A/D-5SPW/N10-3(30.0-58-450-3000)	58	51	33	22	13	0
A/D-5SPW/N15-2(35.0-42-450-3000)	42	41	37	26	19	10

FLOW(L/min)	0	166	333	500	666	750
MODEL	HEAD(m)					
A/D-5SPW/N20-1(42.9-21-450-2500)	21	20	17	11	1	
A/D-5SPW/N25-1(49.6-18-450-2500)	18	17	16	13	6	4
A/D-5SPW/N20-2(40.0-42-450-3000)	42	40	25	13	0	
A/D-5SPW/N25-2(45.0-38-450-3000)	38	26	16	9	1	0

Max Flow 40.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



Pump

All Material: SS304
Motor: Water filled
Thrust Bearing system

MPPT Controller

Function:
Hybrid controller
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protectio
Over-current protection
Over-power protection
Lost Phase protection

External controller system

Internal controller system



Monitor (optional)



TECHNICAL DATA

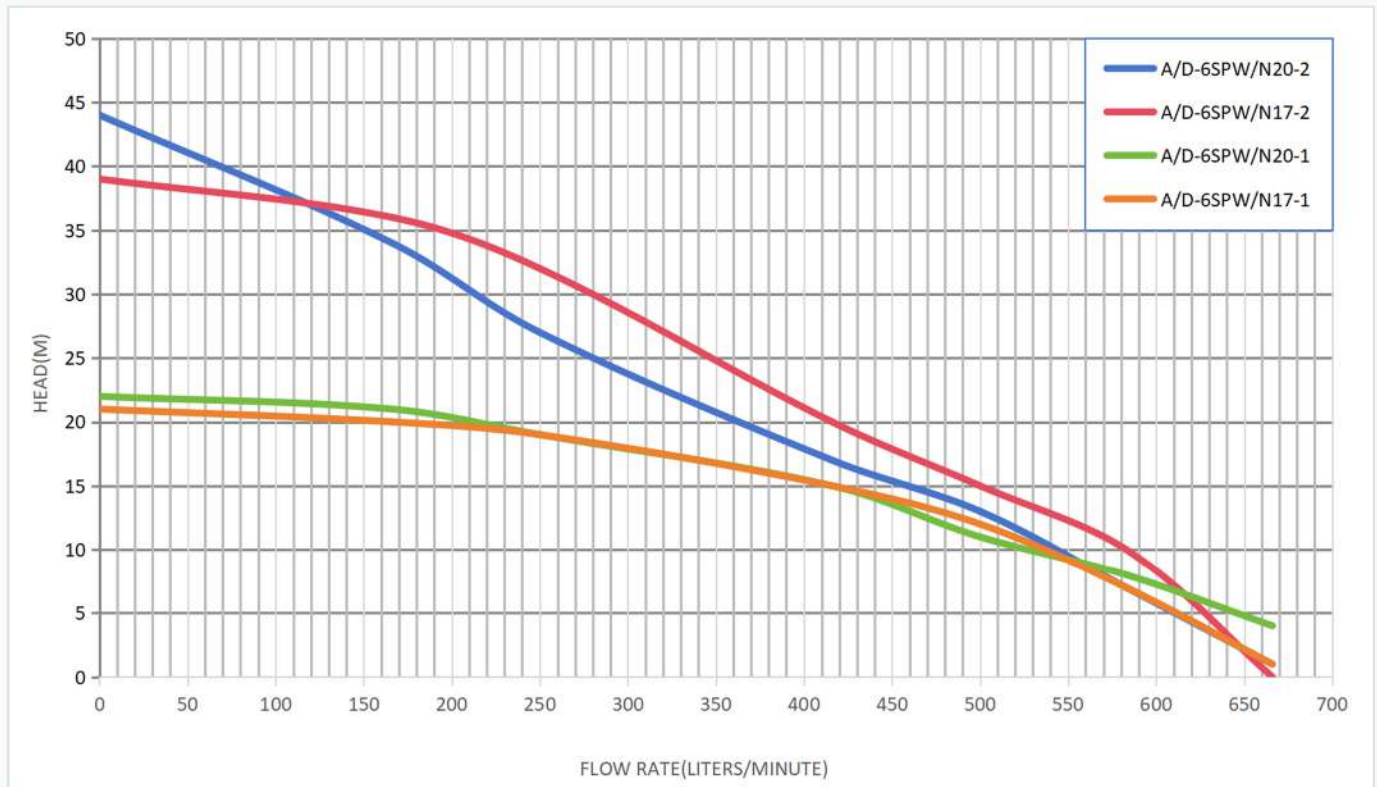
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-6SPW/N17-1 (41.3-21-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	41.3	21	6"	3"	6*410W	External/Internal	SS304
A/D-6SPW/N20-1 (43.1-22-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	43.1	22	6"	3"	6*410W	External/Internal	SS304
A/D-6SPW/N17-2 (40.0-39-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	40.0	39	6"	3"	8*410W	External/Internal	SS304
A/D-6SPW/N20-2 (40.7-44-450-3000)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	3000	40.7	44	6"	3"	8*410W	External/Internal	SS304

Max Flow 40.0m³/h Range

ACDC Brushless Solar Pump
External controller(W) & Internal controller(N)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	166	250	416	500	583	666
MODEL	HEAD(m)						
A/D-6SPW/N17-1 (41.3-21-450-2200)	21	20	19	15	12	7	1
A/D-6SPW/N20-1 (43.1-22-450-2200)	22	21	19	15	11	8	4
A/D-6SPW/N17-2 (40.0-39-450-3000)	39	36	32	20	15	10	0
A/D-6SPW/N20-2 (40.7-44-450-3000)	44	34	27	17	13	7	1

Max Flow 1.0m³/h-2m³/h Range

ACDC Brushless Solar Pump
External controller(W)



Pump

Material: Pump&Motor SS304 (exclude impeller)

Impeller: Helical

Motor: Water filled

Thrust Bearing system



MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protectio
- Over-current protection
- Over-power protection
- Lost Phase protection



TECHNICAL DATA

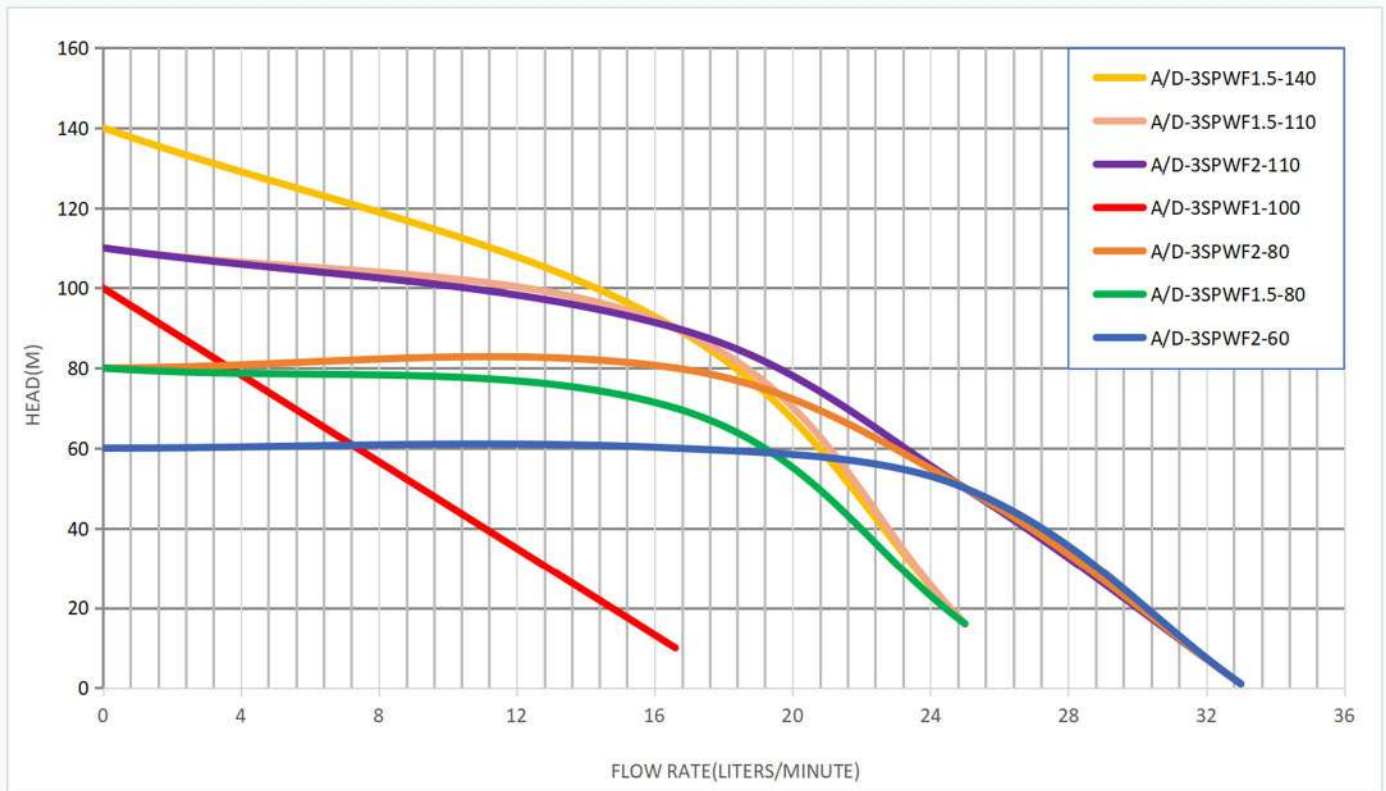
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-3SPWF1-100 (1.1-100-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	1.1	100	3"	0.75"	2*410W	External	Helical
A/D-3SPWF1.5-80 (1.6-80-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	1.6	80	3"	0.75"	2*410W	External	Helical
A/D-3SPWF1.5-110 (1.6-110-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	1.6	110	3"	0.75"	3*410W	External	Helical
A/D-3SPWF1.5-140 (1.6-140-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	1.6	140	3"	0.75"	4*410W	External	Helical
A/D-3SPWF2-60 (2.0-60-450-600)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	600	2.0	60	3"	0.75"	1*410W	External	Helical
A/D-3SPWF2-80 (2.0-80-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	2.0	80	3"	0.75"	3*410W	External	Helical
A/D-3SPWF2-110 (2.0-110-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	2.0	110	3"	0.75"	4*410W	External	Helical

Max Flow 1.0m³/h-2m³/h Range

ACDC Brushless Solar Pump
External controller(W)



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	16.6	25	33
MODEL	HEAD(m)			
A/D-3SPWF1-100(1.1-100-450-600)	100	10		
A/D-3SPWF1.5-80(1.6-80-450-600)	80	70	16	
A/D-3SPWF1.5-110(1.6-110-450-1000)	110	90	16	
A/D-3SPWF1.5-140(-1.6-140-450-1200)	140	90	16	
A/D-3SPWF2-60(2.0-60-450-600)	60	60	50	1
A/D-3SPWF2-80(2.0-80-450-1000)	80	80	50	1
A/D-3SPWF2-110(2.0-110-450-1200)	110	90	50	1

Max Flow 2.0m³/h & 6.0m³/h Range

ACDC Surface Solar Pump
External controller



Pump

Impeller: Brass
Winding: Copper
Bearing: NSK



MPPT Controller

Function:

Hybrid controller
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protectio
Over-current protection
Over-power protection
Lost Phase protection

TECHNICAL DATA

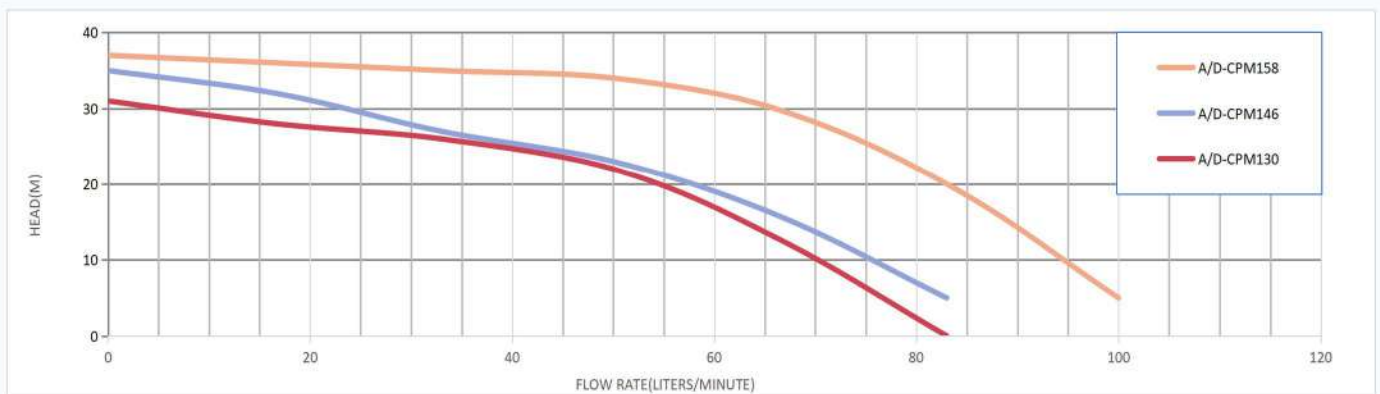
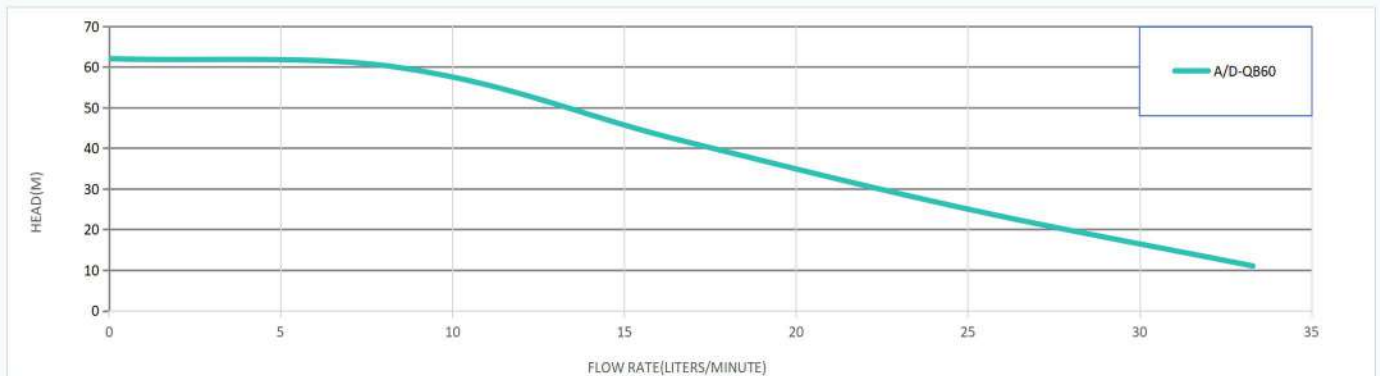
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-QB60(2.2-62-450-800)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	800	2.2	62	/	1"	2*410W	External	Copper
A/D-CPM130(5-31-450-700)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	700	5.0	31	/	1"	2*410W	External	Copper
A/D-CPM146(5.5-35-450-800)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	800	5.5	35	/	1"	2*410W	External	Copper
A/D-CPM158(7.9-37-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	7.9	37	/	1"	4*410W	External	Copper

Max Flow 2.0m³/h & 6.0m³/h Range

ACDC Surface Solar Pump
External controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	8.3	16.6	25	33.3
MODEL	HEAD(m)				
A/D-QB60(2.2-62-450-800)	62	60	42	25	11

FLOW(L/min)	0	16.6	33	50	66	83	100
MODEL	HEAD(m)						
A/D-CPM130(5-31-450-700)	31	28	26	22	13	0	
A/D-CPM146(5.5-35-450-800)	35	32	27	23	16	5	
A/D-CPM158(7.9-37-450-1200)	37	36	35	34	30	20	5

Max Flow 15.0-50.0m³/h Range

ACDC Surface Solar Pump
External controller



Pump

Impeller: Brass
Winding: Copper
Bearing: NSK



MPPT Controller

Function:

- Hybrid controller
- Dry-running protection
- Reverse protection
- Over-load protection
- Over-voltage protection
- Low-voltage protectio
- Over-current protection
- Over-power protection
- Lost Phase protection

TECHNICAL DATA

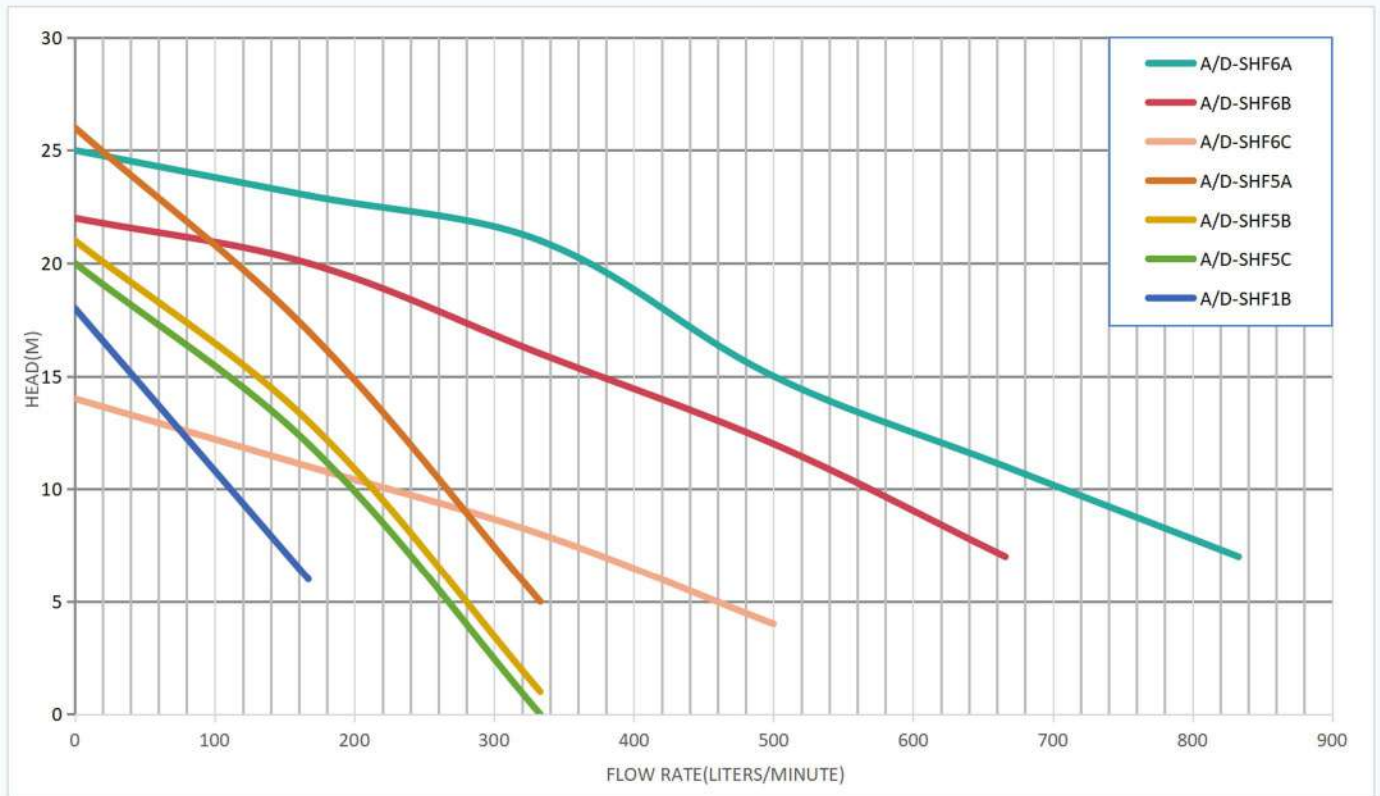
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-SHF1A(15.3-18-450-700)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	700	15.3	18	/	1.5"	2*410W	External	Copper
A/D-SHF5C(20.0-20-450-800)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	800	20.0	20	/	2"	2*410W	External	Copper
A/D-SHF5B(20.9-21-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	20.9	21	/	2"	4*410W	External	Copper
A/D-SHF5A(22.1-26-450-1500)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1500	22.1	26	/	2"	5*410W	External	Copper
A/D-SHF6C(37.2-14-450-1600)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1600	37.2	14	/	3"	5*410W	External	Copper
A/D-SHF6B(48.4-22-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	48.4	22	/	3"	6*410W	External	Copper
AD-SHF6A(60.9-25-450-2800)	DC:60-450 AC:150-240	DC:300 - 380 AC: 150-240	2800	60.9	25	/	3"	8*410W	External	Copper

Max Flow 15.0-50.0m³/h Range

ACDC Surface Solar Pump
External controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	167	333	500	666	833
MODEL	HEAD(m)					
A/D-SHF1A(15.3-18-450-700)	18	6				
A/D-SHF5C(20.0-20-450-800)	20	12	0			
A/D-SHF5B(20.9-21-450-1200)	21	13	1			
A/D-SHF5A(22.1-26-450-1500)	26	17	5			
A/D-SHF6C(37.2-14-450-1600)	14	11	8	4		
A/D-SHF6B(48.4-22-450-2200)	22	20	16	12	7	
AD-SHF6A(60.9-25-450-2800)	25	23	21	15	11	7

Max Flow 35.0m³/h Range

ACDC Swimming Pool Pump
External controller



Pump

Impeller: Plastic
Winding: Copper
Bearing: NSK



MPPT Controller

Function:

Hybrid controller
Dry-running protection
Reverse protection
Over-load protection
Over-voltage protection
Low-voltage protectio
Over-current protection
Over-power protection
Lost Phase protection

TECHNICAL DATA

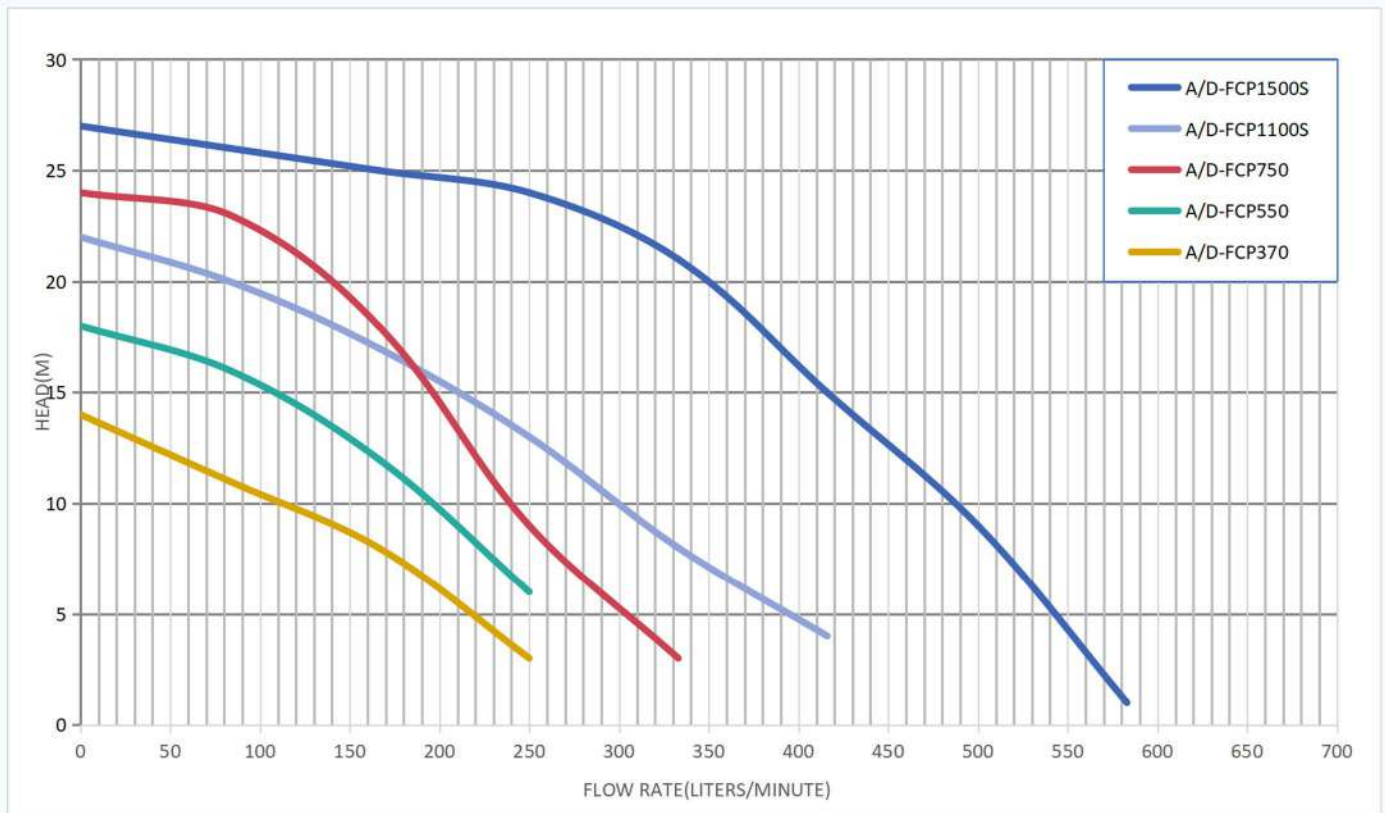
Model	Voltage (V)	Best Voltage (V)	Power (W)	Max Flow (m ³ /hr)	Max Head (m)	Diameter	Outlet	Solar Panel	Controller Type	Impeller
A/D-FCP370(16.9-14-450-800)	DC:60-450 AC:150-240	DC: 60 - 76 AC: 150-240	800	16.9	14	/	2"	2*410W	External	Plastic
A/D-FCP550(19.0-18-450-1000)	DC:60-450 AC:150-240	DC: 90 - 110 AC: 150-240	1000	19.0	18	/	2"	3*410W	External	Plastic
A/D-FCP750(20.8-24-450-1200)	DC:60-450 AC:150-240	DC: 96 - 130 AC: 150-240	1200	20.8	24	/	2"	4*410W	External	Plastic
A/D-FCP1100S(29.3-22-450-1600)	DC:60-450 AC:150-240	DC:180 - 230 AC: 150-240	1600	29.3	22	/	2.5"	5*410W	External	Plastic
A/D-FCP1500S(36.4-27-450-2200)	DC:60-450 AC:150-240	DC:220 - 300 AC: 150-240	2200	36.4	27	/	2.5"	6*410W	External	Plastic

Max Flow 35.0m³/h Range

ACDC Swimming Pool Pump
External controller



PERFORMANCE GRAPH



DETAILS OF FLOW AND HEAD

FLOW(L/min)	0	83	166	250	333	416	500	583
MODEL	HEAD(m)							
A/D-FCP370(16.9-14-450-800)	14	11	8	3				
A/D-FCP550(19.0-18-450-1000)	18	16	12	6				
A/D-FCP750(20.8-24-450-1200)	24	23	18	9	3			
A/D-FCP1100S(29.3-22-450-1600)	22	20	17	13	8	4		
A/D-FCP1500S(36.4-27-450-2200)	27	26	25	24	21	15	9	1