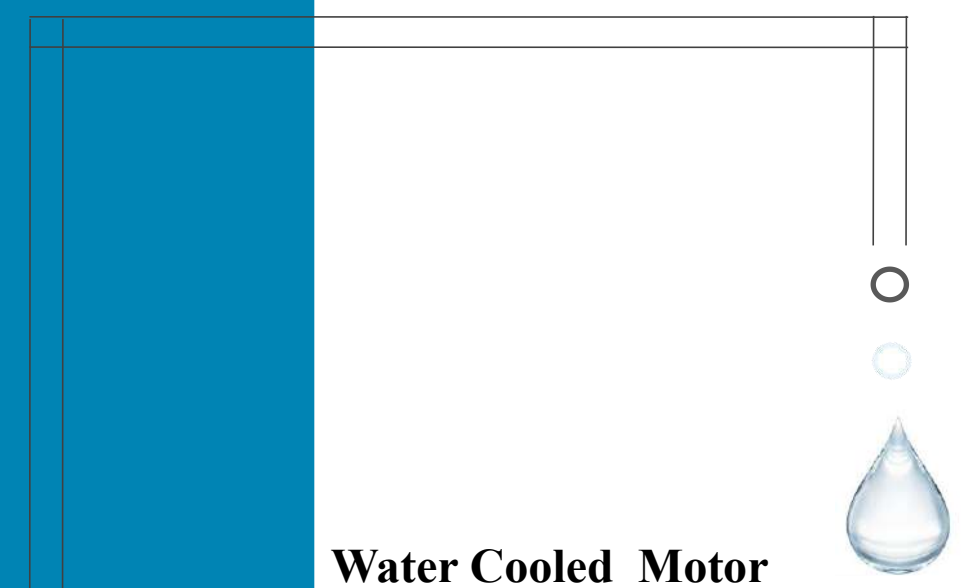


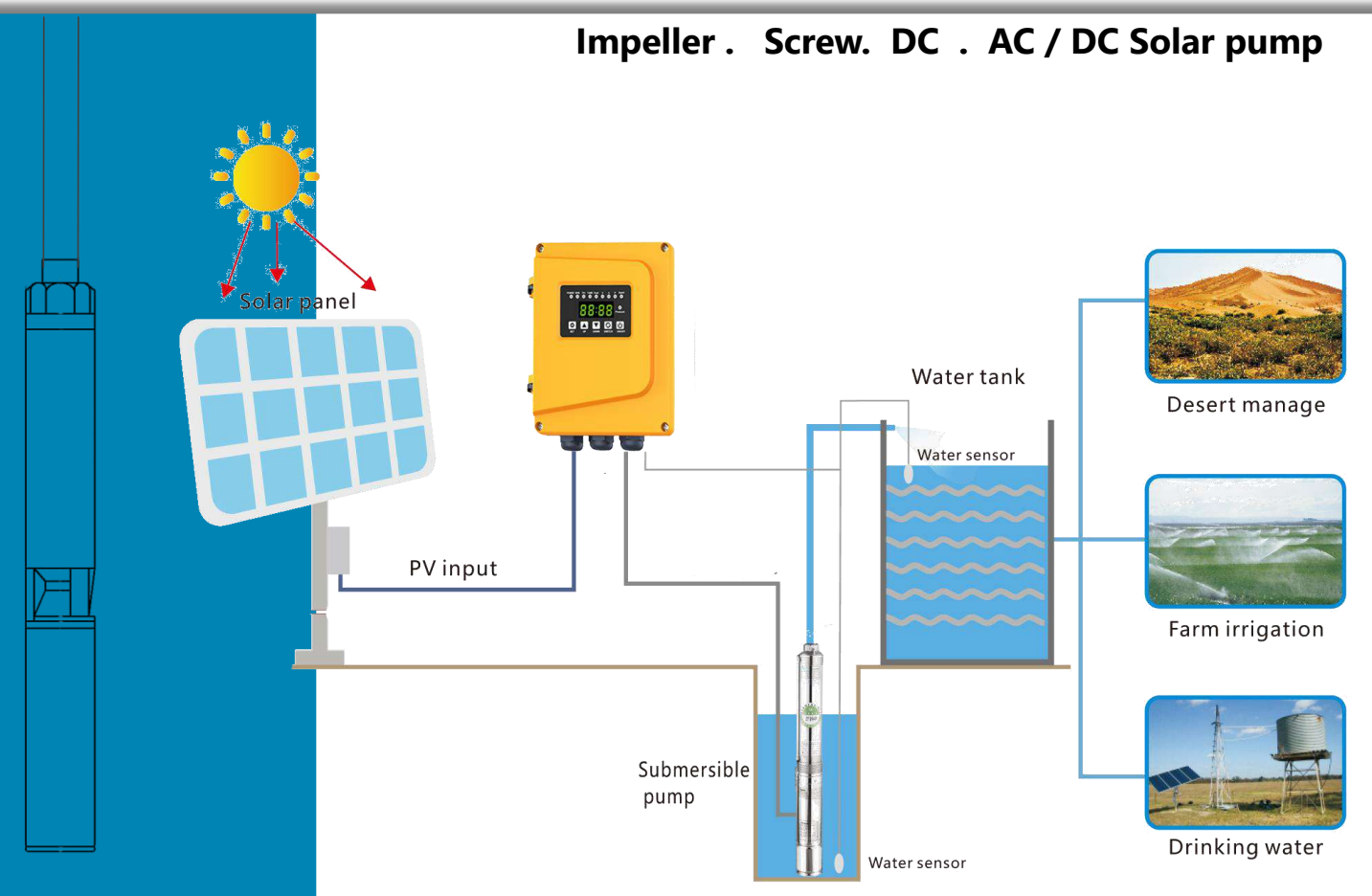


Water Cooled Motor

产品手册——太阳能水泵系列

Catalog----Solar pump

Impeller . Screw. DC . AC / DC Solar pump



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 machnical 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°C~60°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

• CETIFICATES



300W



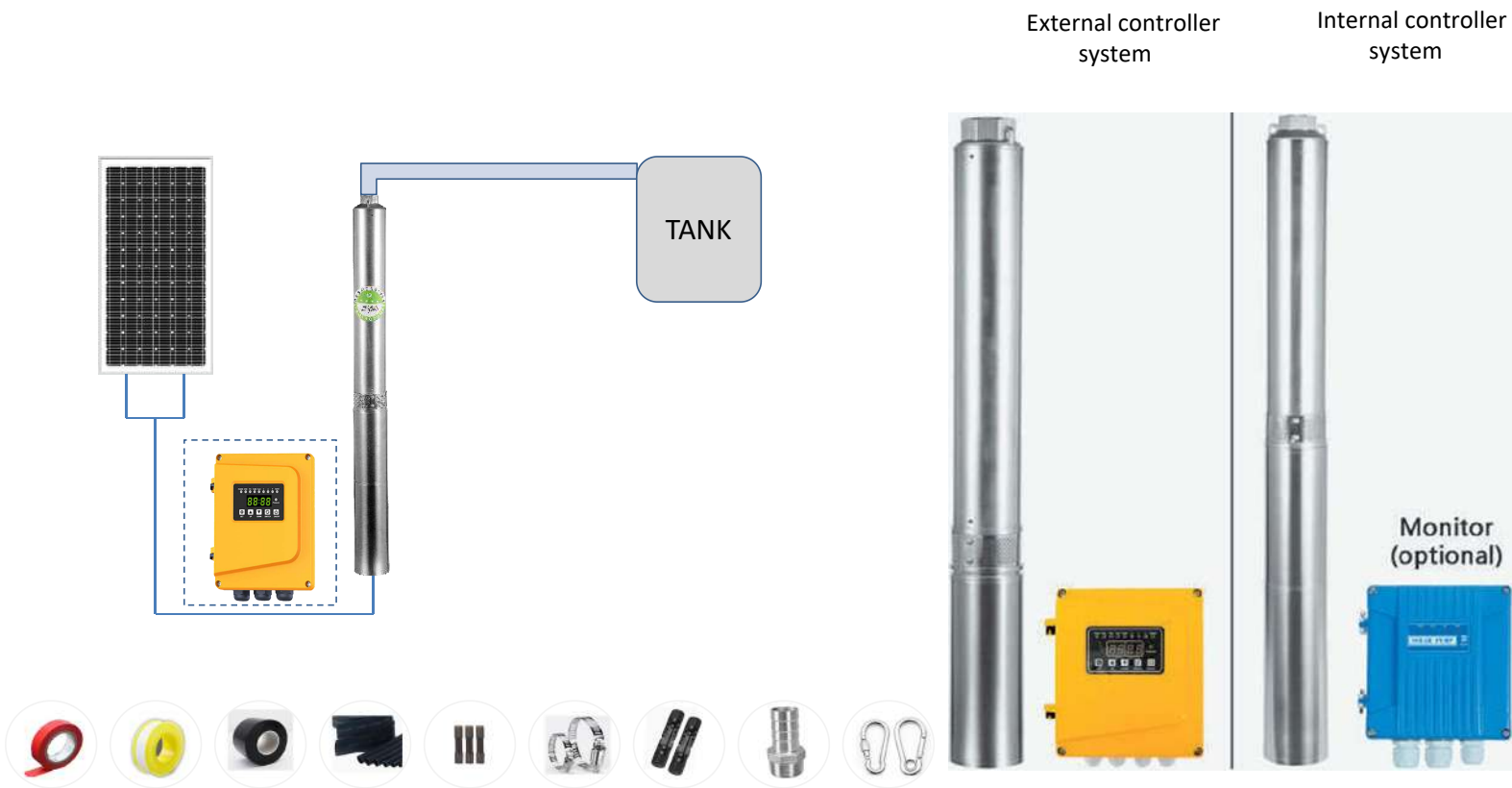
Motor	DIM &Power	3” / 300w
	Voltage	20-48V Best: 30-40V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*1 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	3SPW/N1-5P 39M-3.6m³/h-48V-300W				Pump DIM	3”	Pump outlet	1.5”
m³/h	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	58	50	41.6	33	25	16.6	8.3	0
H(M)	1	4	13	17	23	28	33	39

Model	3SPW/N3-3P 21M-5.9m³/h-48V-300W				Pump DIM	3”	Pump outlet	1.5”
m³/h	6.0	5.0	4.0	3	2.0	1	0	
L/min.	100	83	66.6	50	33	16.6	0	
H(M)	0	3	7	11	13	17	21	

Model	4SPW/N4-2P 21M-6.5m³/h-48V-300W				Pump DIM	4”	Pump outlet	2”
m³/h	6.5	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	108	100	83	66.6	50	33	16.6	0
H(M)	0	3	7	10	13	16	19	21

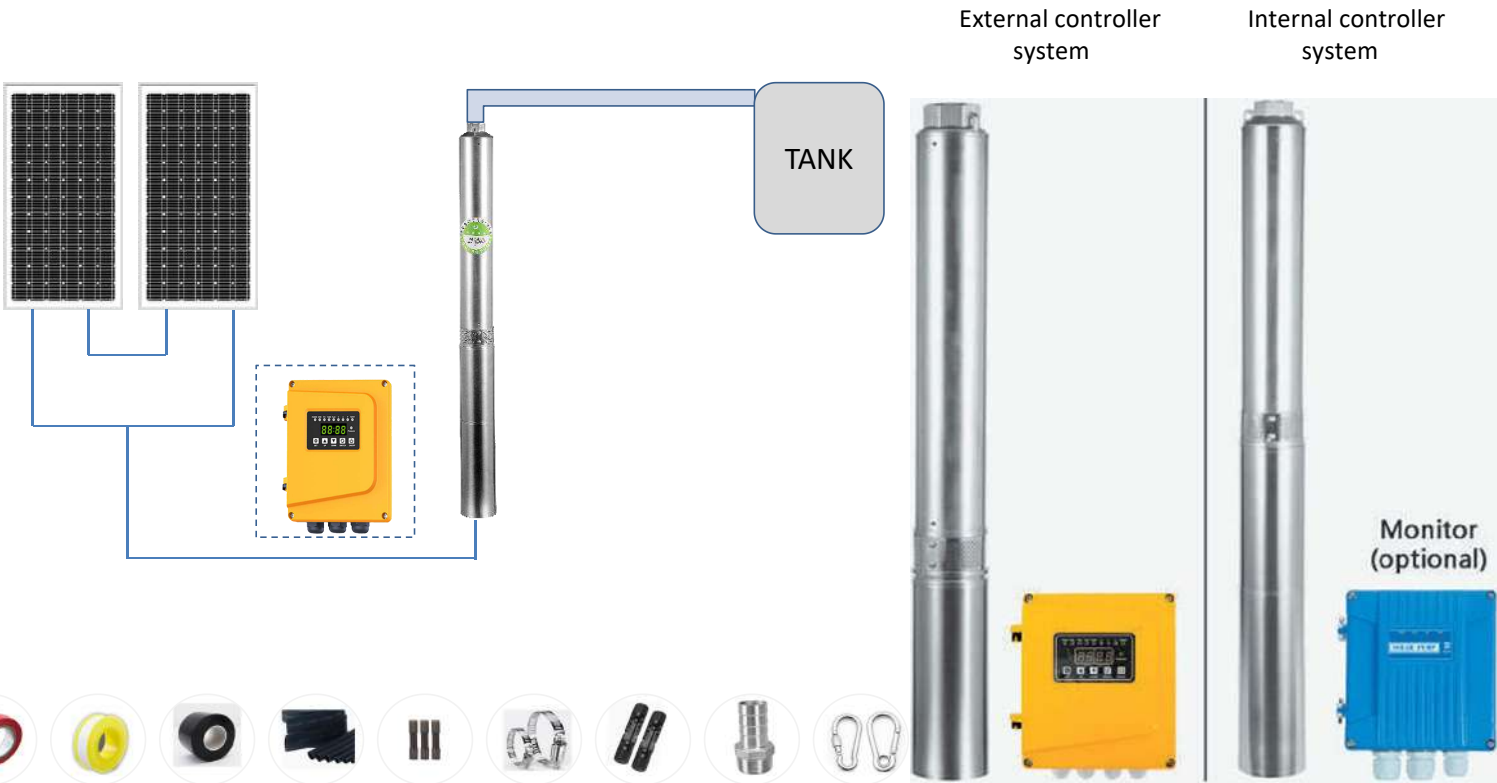
Model	4SPW/N8-1P 10M-12.1m³/h-48V-300W				Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0	
L/min.	250	200	166	133	100	50	0	
H(M)	0	1	2	3	6	8	10	



600W



Motor	DIM &Power	3” / 600w
	Voltage	40-100V Best: 60-76V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*2 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	3SPW/N1-11P 72M-3.5m³/h-100V-600W				Pump DIM	3”	Pump outlet	1.5”
m³/h	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	58	50	41.6	33	25	16.6	8.3	0
H(M)	3	13	17	36	45	56	66	72

Model	4SPW/N2-5P 51M-5.2m³/h-100V-600W			Pump DIM	4”	Pump outlet	2”
m³/h	5.2	5.0	4.0	3	2.0	1	0
L/min.	86	83	66.6	50	33	16.6	0
H(M)	0	1	16	28	36	43	51

Model	3SPW/N3-5P 38M-7.2m³/h-100V-600W				Pump DIM	3”	Pump outlet	1.5”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	3	10	16	23	27	32	36	38

Model	4SPW/N3-4P 52M-5.9m³/h-100V-600W			Pump DIM	4”	Pump outlet	2”
m³/h	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	100	83	66.6	50	33	16.6	0
H(M)	0	10	21	31	40	47	52

Model	4SPW/N4-3P 41M-7.5m³/h-100V-600W				Pump DIM	4”	Pump outlet	2”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	3	10	17	25	26	36	38	41

Model	4SPW/N8-2P 21M-13.3m³/h-100V-600W			Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	250	200	166	133	100	50	0
H(M)	0	4	8	10	14	19	21

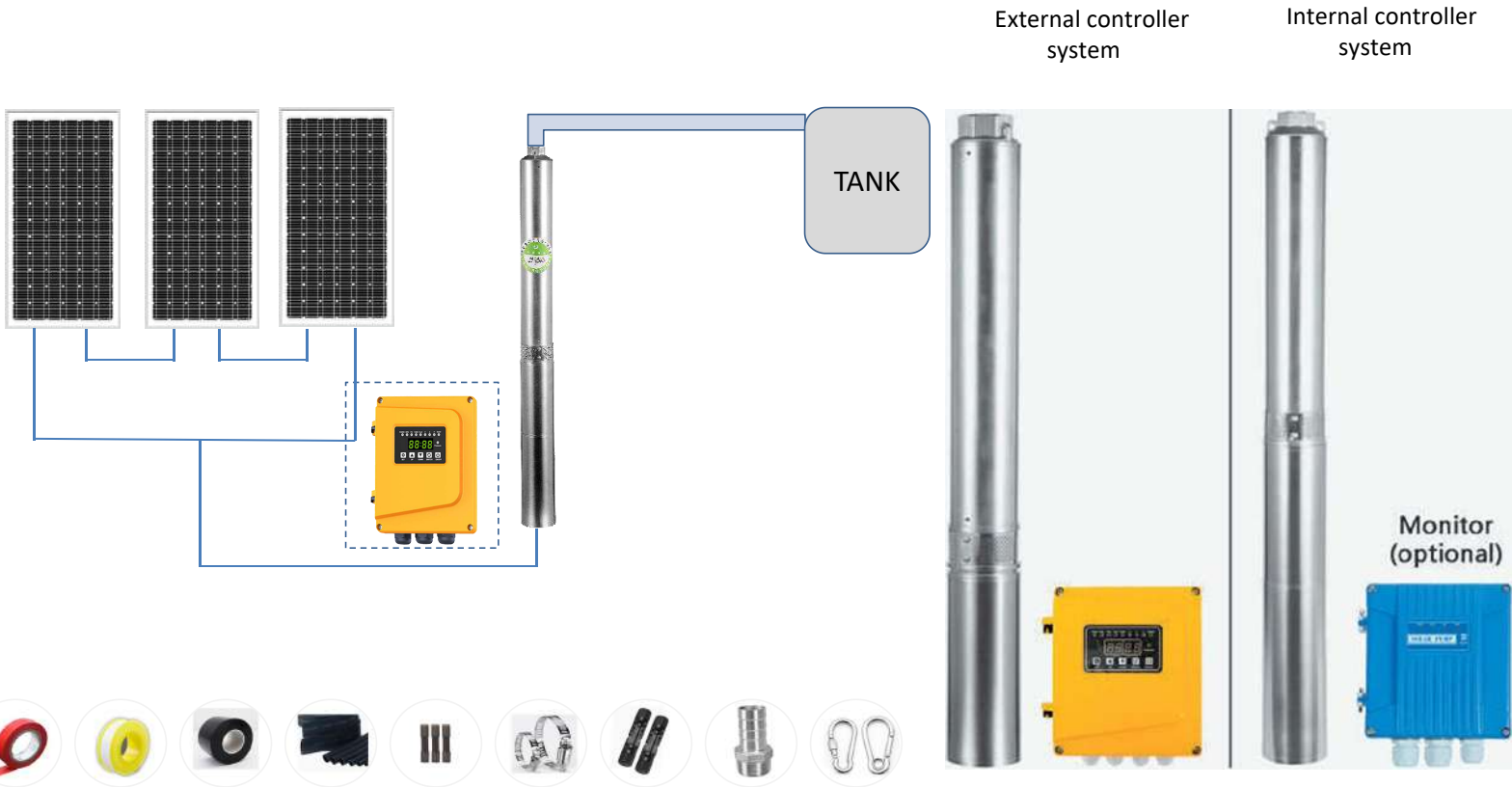
1000W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	3” / 1000w
	Voltage	60-150V Best: 90-110V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*3 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	3SPW/N1-12P 93M-4.0m³/h-150V-1000W				Pump DIM	3”	Pump outlet	1.5”
m³/h	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	58	50	41.6	33	25	16.6	8.3	0
H(M)	8	24	37	350	63	78	88	93

Model	4SPW/N2-7P 80M-4.9m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	5.2	5.0	4.0	3	2.0	1	0	
L/min.	86	83	66.6	50	33	16.6	0	
H(M)	0	1	20	37	55	67	80	

Model	3SPW/N3-7P 52M-7.4m³/h-150V-1000W				Pump DIM	3”	Pump outlet	1.5”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	6	17	26	38	43	48	51	52

Model	4SPW/N3-5P 70M-6.5m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	6.5	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	108	100	83	66.6	50	33	16.6	0
H(M)	0	7	23	38	49	58	64	70

Model	4SPW/N4-3P 43M-8.8m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	8.8	7.0	6.0	5.0	4.0	3.0	2.0	1
L/min.	146	116	100	83	66.6	50	33	16.6
H(M)	0	15	22	30	36	40	41	42

Model	4SPW/N6-3P 40M-13.1m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	13.1	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	217	200	166	100	133	66.6	33	0
H(M)	0	2	8	17	24	27	33	40

Model	4SPW/N8-3P 35M-14.2m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0	
L/min.	250	200	166	133	100	50	0	
H(M)	0	7	11	14	17	24	35	

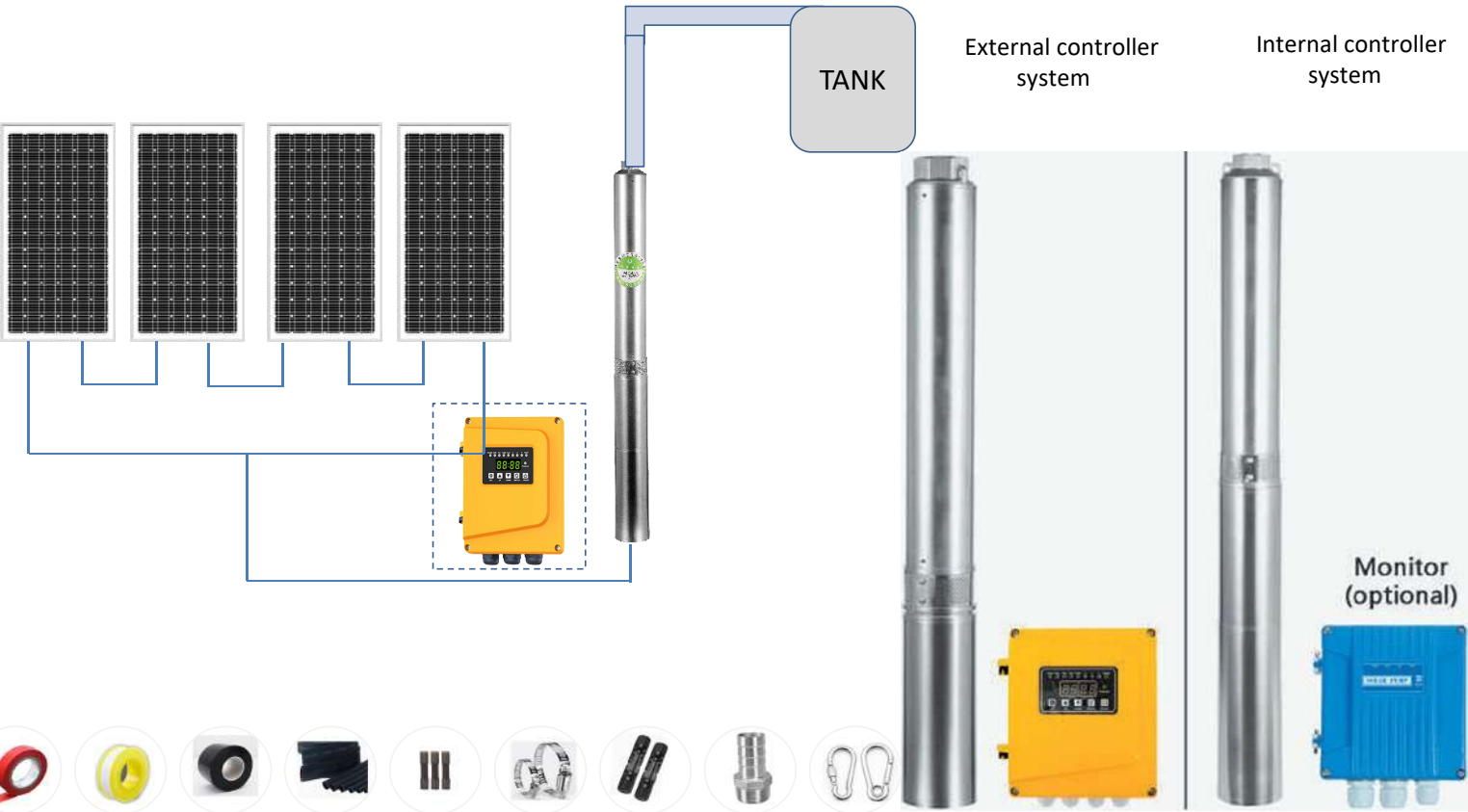
1200W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	3” / 1200w
	Voltage	80-200V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	3SPW/N1-14P 114M-4.0m³/h-200V-1200W					Pump DIM	3”	Pump outlet	1.5”
m³/h	4.0	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	66.6	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	18	39	52	68	83	97	109	114

Model	4SPW/N2-9P 100M-5.0m³/h-200V-1200W				Pump DIM	4”	Pump outlet	2”
m³/h	5.2	5.0	4.0	3	2.0	1	0	
L/min.	86	83	66.6	50	33	16.6	0	
H(M)	/	0	23	50	66	82	100	

Model	3SPW/N3-8P 59M-7.8m³/h-200V-1200W					Pump DIM	3”	Pump outlet	1.5”
m³/h	7.8	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	130	116	100	83	66.6	50	33	16.6	0
H(M)	0	1	11	21	34	42	48	55	59

Model	4SPW/N4-4P 62M-8.3m³/h-200V-1200W					Pump DIM	4”	Pump outle	2”
m³/h	8.3	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	138	116	100	83	66.6	50	33	16.6	0
H(M)	0	12	21	31	40	46	51	58	62

Model	4SPW/N6-4P 49M-12.0m³/h-200V-1200W				Pump DIM	4”	Pump outlet	2”
m³/h	12.0	10.0	6.0		8.0	3.0	2.0	0
L/min.	200	166	100		133	66.6	33	0
H(M)	0	10	19		29	35	42	49

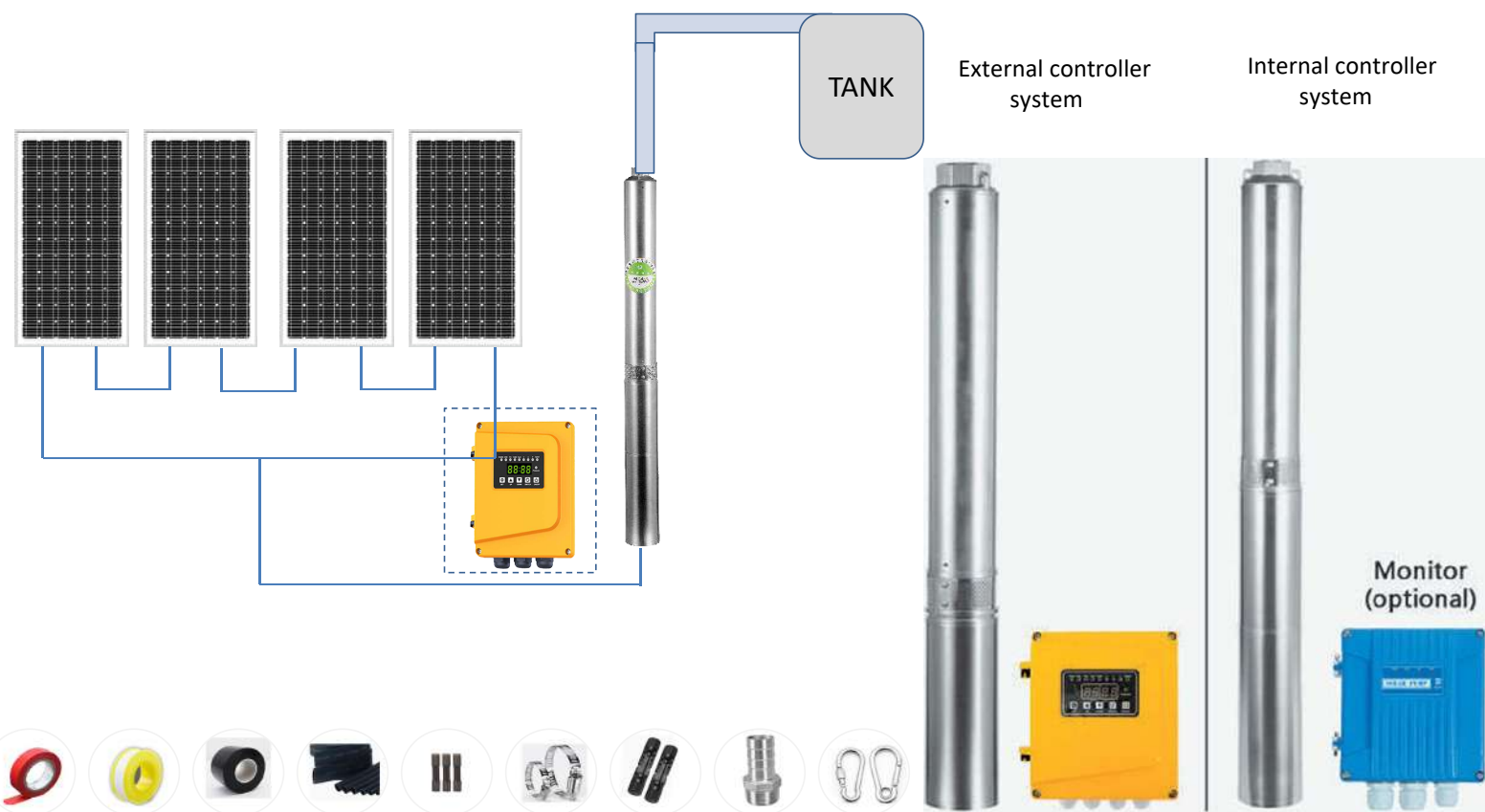
Model	4SPW/N8-4P 41M-14.1m³/h-200V-1200W			Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	250	200	166	133	100	50	0
H(M)	0	9	16	19	23	31	41

Model	4SPW/N12-2P 21M-18.1m³/h-200V-1200W			Pump DIM	4”	Pump outlet	2”
m³/h	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	300	250	200	150	100	50	0
H(M)	1	7	11	15	17	19	21

1500W



Motor	DIM &Power	3” / 1500w
	Voltage	80-200V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3“/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model

Model	3SPW/N1-17P 144M-4.1m³/h-200V-1500W					Pump DIM	3”	Pump outlet	1.5”
m³/h	4.1	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	68	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	22	41	70	82	102	121	132	144

Model	3SPW/N1-20P 158M-3.8m³/h-200V-1500W					Pump DIM	3”	Pump outlet	1.5”
m³/h	3.8	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	63	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	20	41	58	83	110	123	141	158

Model	3SPW/N2-16P 130M-5.5m³/h-200V-1500W			Pump DIM	3"	Pump outlet	1.5"
m³/h	5.5	5.0	4.0	3	2.0	1	0
L/min.	91.3	83	66.6	50	33	16.6	0
H(M)	0	12	50	71	92	110	130

Model	3SPW/N3-12P 95M-7.4m³/h-200V-1500W					Pump DIM	3"	Pump outlet	1.5"
m³/h	7.4	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	123	116	100	83	66.6	50	33	16.6	0
H(M)	0	4	25	42	55	63	74	88	95

Model	4SPW/N4-6P 94M-8.5m³/h-200V-1500W					Pump DIM	4"	Pump outlet	2"
m³/h	8.5	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	141	116	100	83	66.6	50	33	16.6	0
H(M)	0	20	38	50	61	72	80	87	94

Model	4SPW/N8-5P 60M-15.5m³/h-200V-1500W			Pump DIM	4"	Pump outlet	2"
m³/h	15.5	12.0	10.0	8.0	6.0	3.0	0
L/min.	257	200	166	133	100	50	0
H(M)	0	11	20	22	31	44	60

Model	4SPW/N12-3P 32M-21.1m³/h-200V-1500W				Pump DIM	4"	Pump outlet	2"
m³/h	21.1	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	350	300	250	200	150	100	50	0
H(M)	0	6	12	17	21	25	28	32

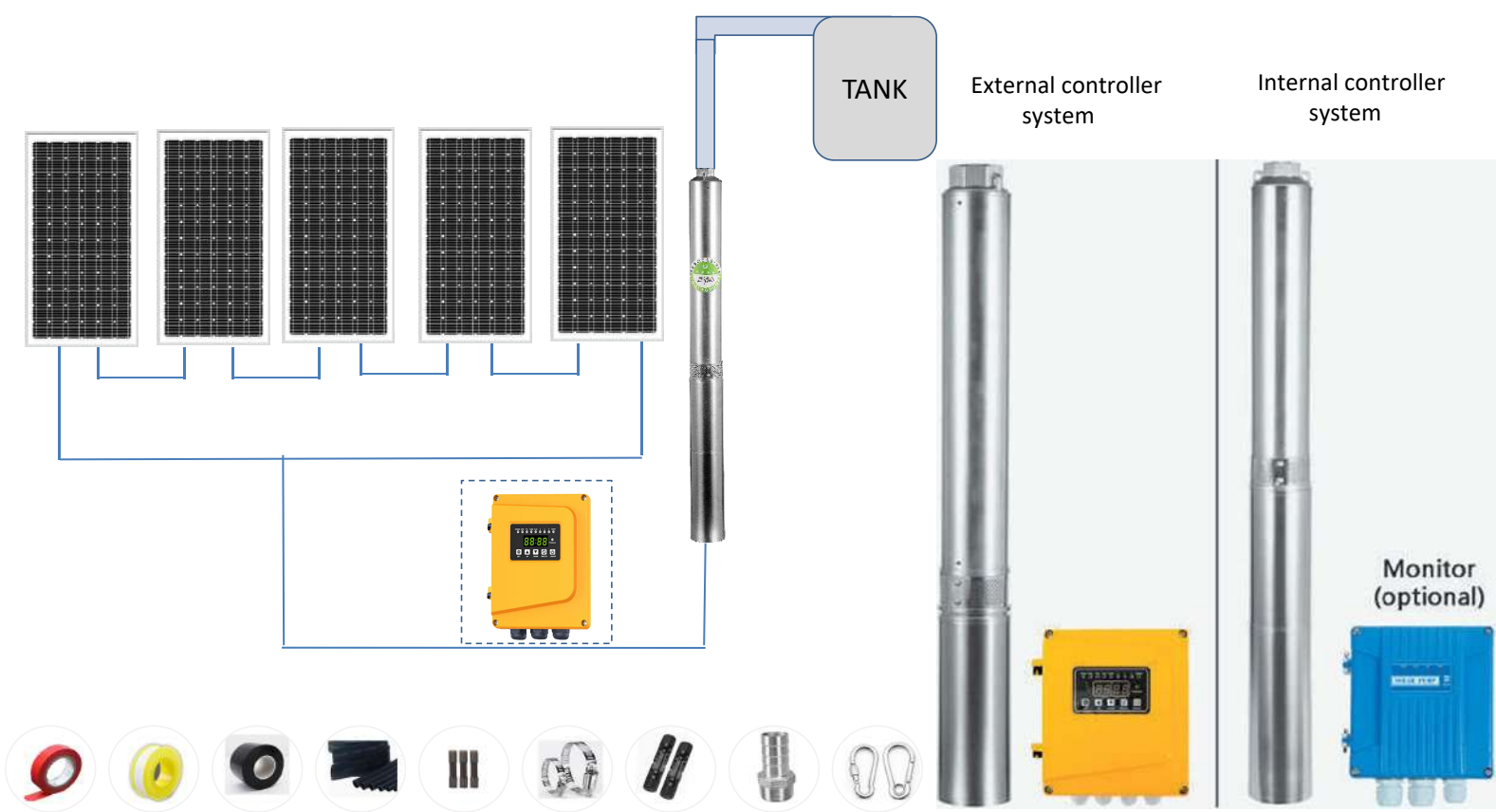
1800W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	4” / 1800w
	Voltage	60-450V Best: 180-230V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*5 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	4SPW/N1-16P 195M-3.6m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	58	50	41.6	33	25	16.6	8.3	0
H(M)	1	18	39	77	112	142	168	195

Model	4SPW/N2-9P 149M-5.7m3/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m3/h	5.7	5.0	4.0	3	2.0	1	0	
L/min.	95	83	66.6	50	33	16.6	0	
H(M)	0	19	50	80	110	127	149	

Model	4SPW/N3-8P 130M-7.2m³/h-450V-1800W					Pump DIM	4”	Pump outlet	2”
m³/h	7.2	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	120	116	100	83	66.6	50	33	16.6	0
H(M)	0	8	32	43	61	83	102	113	130

Model	4SPW/N4-6P 109M-8.3m³/h-450V-1800W					Pump DIM	4”	Pump outlet	2”
m³/h	8.3	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	138	116	100	83	66.6	50	33	16.6	0
H(M)	0	21	39	51	70	82	89	102	109

Model	4SPW/N6-5P 78M-13.2m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	13.2	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	220	200	166	33	133	66.6	33	0
H(M)	0	10	21	19	42	53	62	78

Model	4SPW/N8-5P 71M-15.8m³/h-4500V-1800W			Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	250	200	166	133	100	50	0
H(M)	1	18	23	29	38	50	71

Model	4SPW/N12-3P 41M-21.3m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	21.1	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	350	300	250	200	150	100	50	0
H(M)	0	6	12	17	22	27	34	41

Model	4SPW/N16-2P 23M-25.7m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	25.7	24.0	18.0	16.0	12.0	10.8	6.0	0
L/min.	427	400	300	266	200	150	100	0
H(M)	0	4	9	11	13	15	17	21

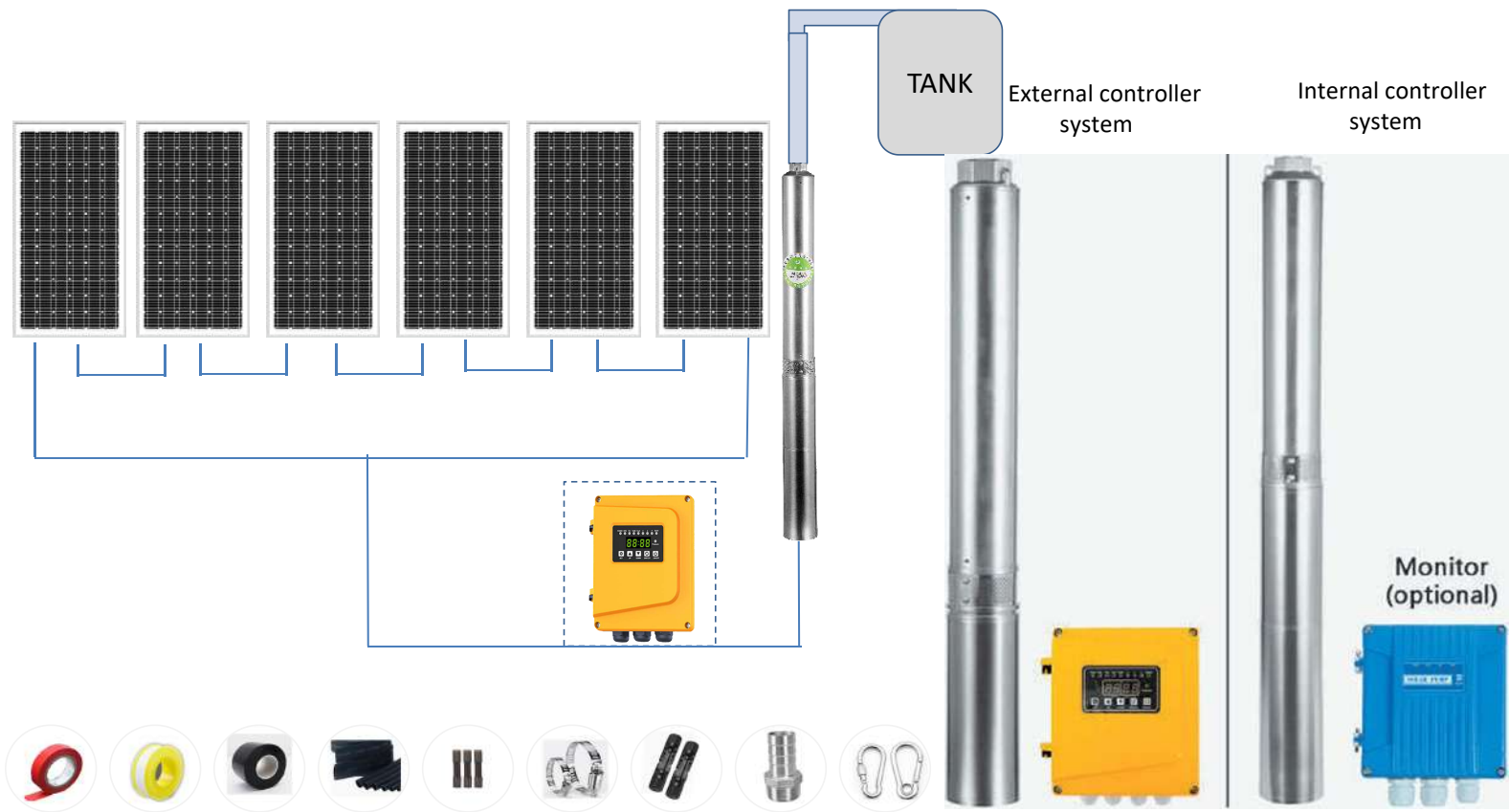
2200W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	4” / 2200w
	Voltage	60-450V Best: 220-300V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*6 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	4SPW/N1-21P 235M-3.7m³/h-450V-2200W					Pump DIM	4”	Pump outlet	2”
m³/h	3.7	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	62	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	13	40	82	120	144	180	216	235

Model	4SPW/N2-13P 190M-5.6m³/h-450V-2200W			Pump DIM	4”	Pump outlet	2”
m³/h	5.6	5.0	4.0	3	2.0	1	0
L/min.	93	83	66.6	50	33	16.6	0
H(M)	0	21	63	104	147	172	190

Model	4SPW/N3-9P 155M-7.4m³/h-450V-2200W					Pump DIM	4”	Pump outlet	2”
m³/h	7.4	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	123	116	100	83	66.6	50	33	16.6	0
H(M)	0	3	17	50	80	100	122	138	155

Model	4SPW/N4-8P 145M-8.5m³/h-450V-2200W					Pump DIM	4”	Pump outlet	2”
m³/h	8.5	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	141	116	100	83	66.6	50	33	16.6	0
H(M)	0	28	53	67	85	101	113	129	145

Model	4SPW/N6-6P 90M-13.0m³/h-450V-2200W				Pump DIM	4”	Pump outlet	2”
m³/h	13.0	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	216	200	166	33	133	66.6	33	0
H(M)	0	11	24	42	57	67	76	90

Model	4SPW/N8-7P 90M-15.3m³/h-450V-2200W			Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	250	200	166	133	100	50	0
H(M)	1	20	31	39	46	61	90

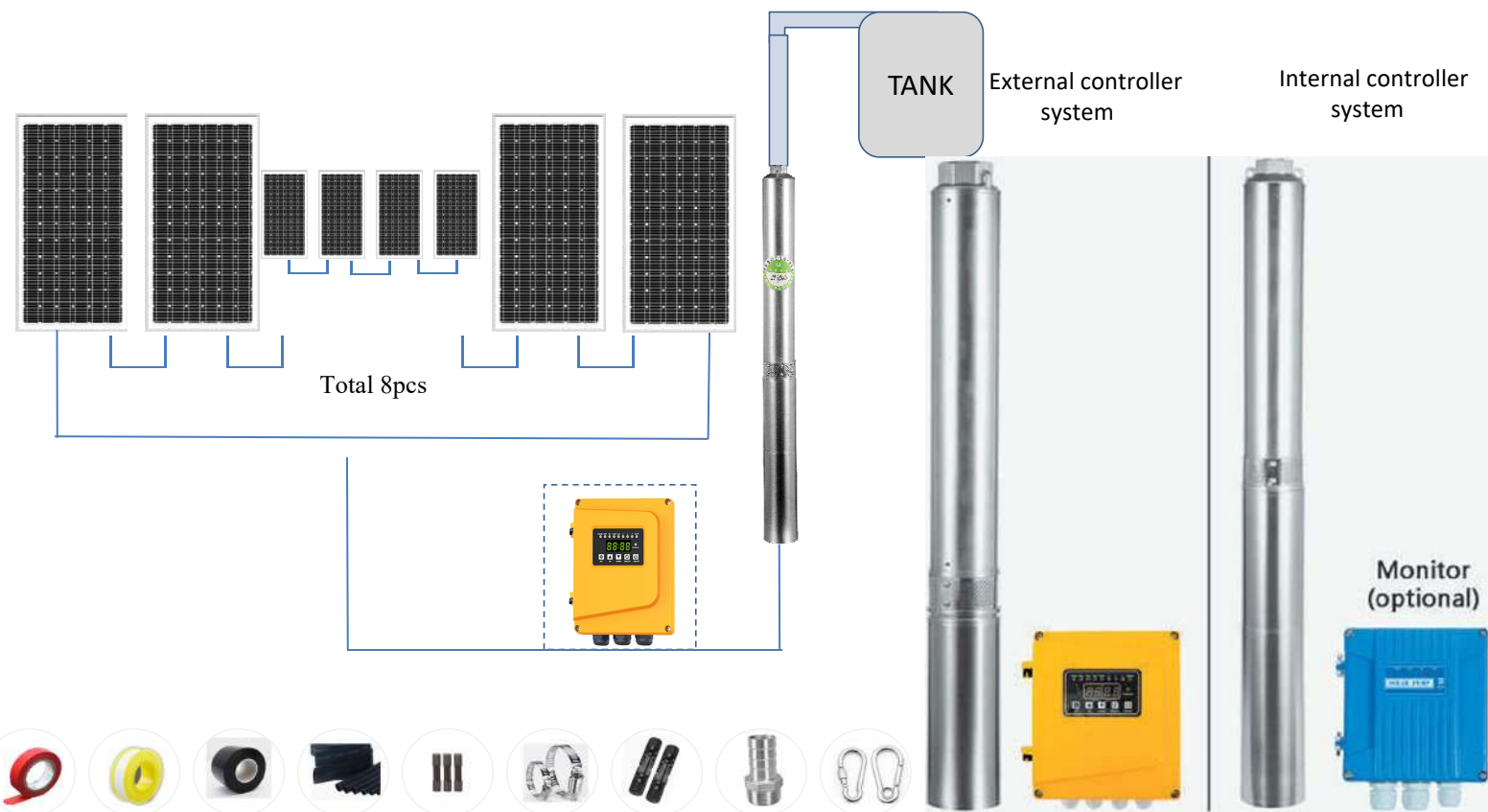
Model	4SPW/N12-5P 56M-21.0m³/h-450V-2200W				Pump DIM	4”	Pump outlet	2”
m³/h	21.0	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	349	300	250	200	150	100	50	0
H(M)	0	10	19	26	33	39	46	56

Model	4SPW/N16-3P 32M-30.0m³/h-450V-2200W				Pump DIM	4”	Pump outle	2”
m³/h	30	24.0	18.0	16.0	12.0	10.8	6.0	0
L/min.	500	400	300	266	200	150	100	0
H(M)	0	7	14	17	20	24	26	32

3000W



Motor	DIM &Power	4” / 3000w
	Voltage	60-450V Best: 300-380V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*8 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	4SPW/N1-26P 325M-3.6m³/h-450V-3000W					Pump DIM	4"	Pump outlet	2"
m³/h	3.6	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	60	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	15	78	122	175	220	266	300	325

Model	4SPW/N2-17P 255M-5.5m³/h-450V-3000W			Pump DIM	4"	Pump outlet	2"
m³/h	5.5	5.0	4.0	3	2.0	1	0
L/min.	91	83	66.6	50	33	16.6	0
H(M)	0	36	82	137	188	220	255

Model	4SPW/N3-13P 220M-7.1m³/h-450V-3000W				Pump DIM	4"	Pump outlet	2"
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	2	41	81	104	142	180	196	220

Model	4SPW/N4-13P 200M-7.8m³/h-450V-3000W					Pump DIM	4"	Pump outlet	2"
m³/h	7.8	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	130	116	100	83	66.6	50	33	16.6	0
H(M)	0	23	59	82	116	138	158	170	200

Model	4SPW/N6-8P 126M-14.0m³/h-450V-3000W				Pump DIM	4"	Pump outlet	2"
m³/h	14.0	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	233	200	166	33	133	66.6	33	0
H(M)	0	18	48	60	79	93	108	126

Model	4SPW/N8-8P 120M-16.7m³/h-4500V-3000W				Pump DIM	4"	Pump outlet	2"
m³/h	16.7	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	278	250	200	166	133	100	50	0
H(M)	0	12	32	49	59	68	91	120

Model	4SPW/N12-5P 72M-22.9m³/h-450V-3000W					Pump DIM	4"	Pump outlet	2"
m³/h	22.9	21.0	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	380	349	300	250	200	150	100	50	0
H(M)	0	8	19	30	37	44	51	62	72

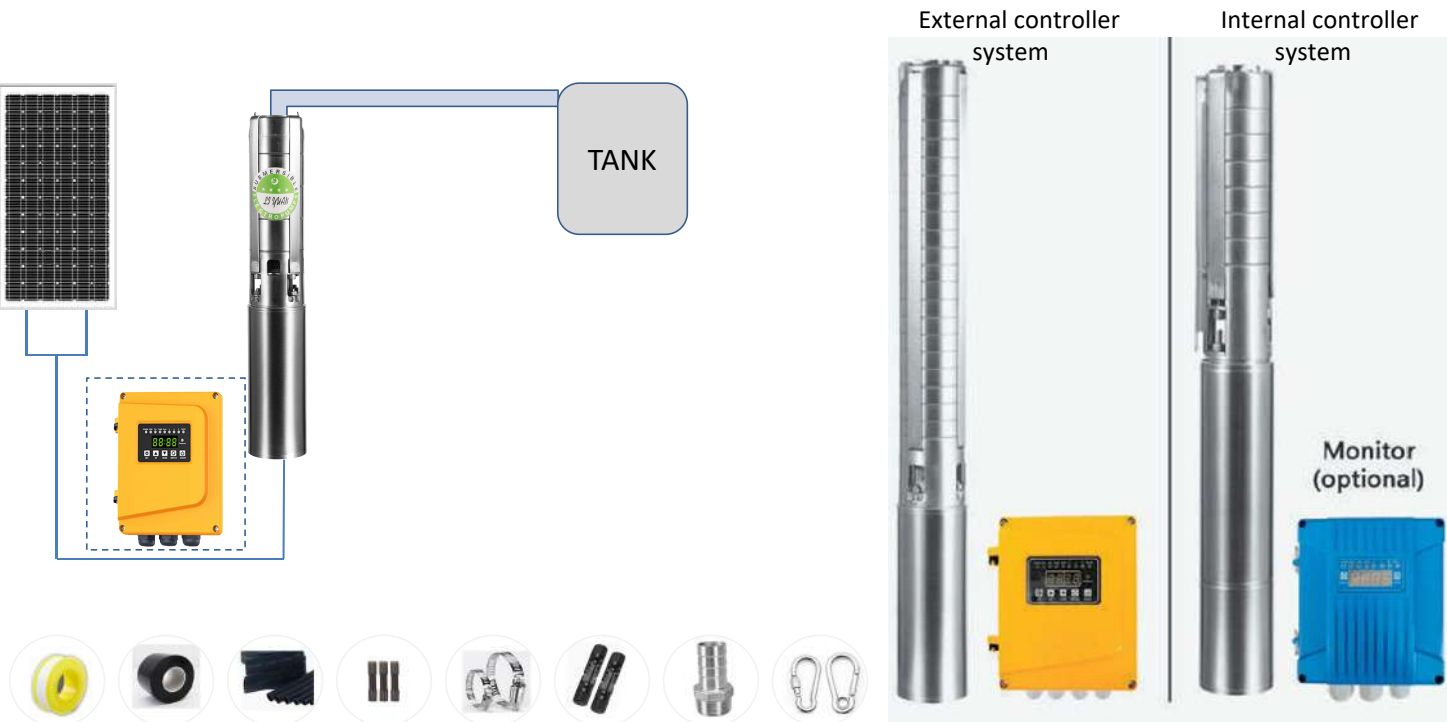
Model	4SPW/N16-4P 45M-30.6m³/h-450V-3000W				Pump DIM	4"	Pump outlet	2"
m³/h	30	24.0	18.0	16.0	12.0	10.8	6.0	0
L/min.	500	400	300	266	200	150	100	0
H(M)	1	12	21	24	29	33	37	45

300W



Motor	DIM &Power	3” / 300w
	Voltage	20-48V Best: 30-40V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*1 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	3SPW/N2-3 22M-5.1m³/h-48V-300W			Pump DIM	3”	Pump outlet	1.25”
m³/h	5.1	5.0	4.0	3	2.0	1	0
L/min.	85	83	66.6	50	33	16.6	0
H(M)	0	5	11	16	17	19	22

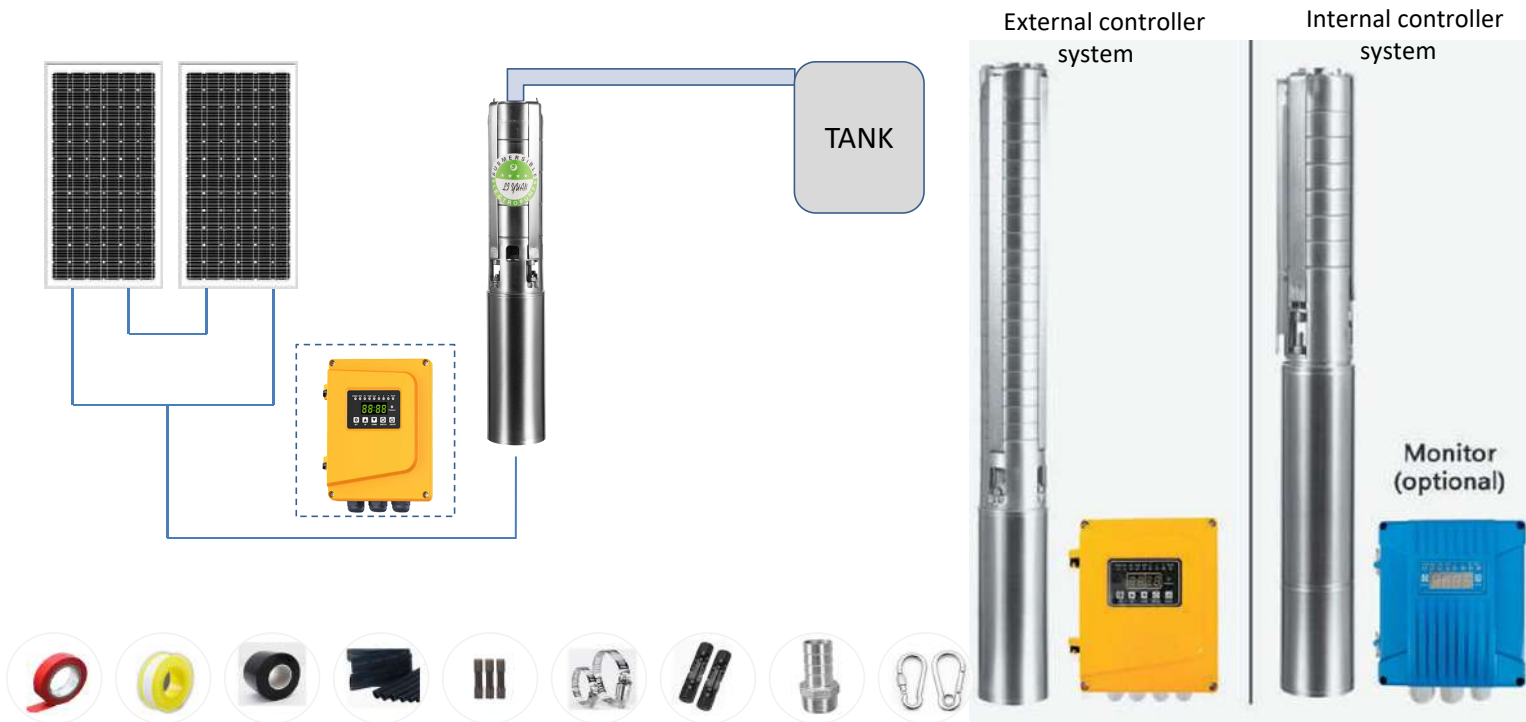


600W



Motor	DIM &Power	3” / 600w
	Voltage	40-100V Best: 60-76V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*2 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	3SPW/N2-5 36M-5.1m³/h-96V-600W			Pump DIM	3”	Pump outlet	1.25”
m³/h	5.1	5.0	4.0	3	2.0	1	0
L/min.	85	83	66.6	50	33	16.6	0
H(M)	0	6	17	23	27	31	36

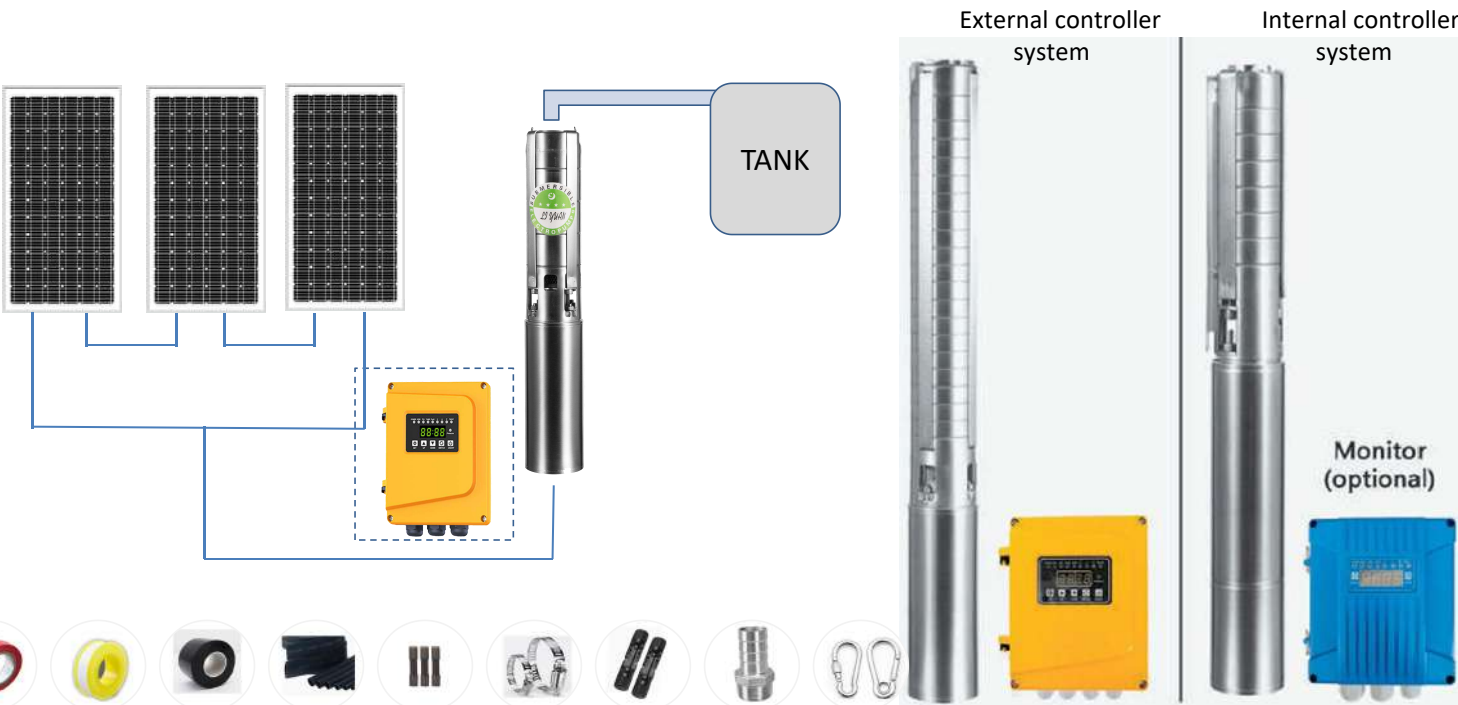


1000W



Motor	DIM &Power	3” / 1000w
	Voltage	60-150V Best: 90-110V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*3 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	3SPW/N2-7 48M-5.4m³/h-150V-1000W			Pump DIM	3”	Pump outlet	1.25”
m³/h	5.4	5.0	4.0	3	2.0	1	0
L/min.	90	83	66.6	50	33	16.6	0
H(M)	0	16	31	38	43	46	48



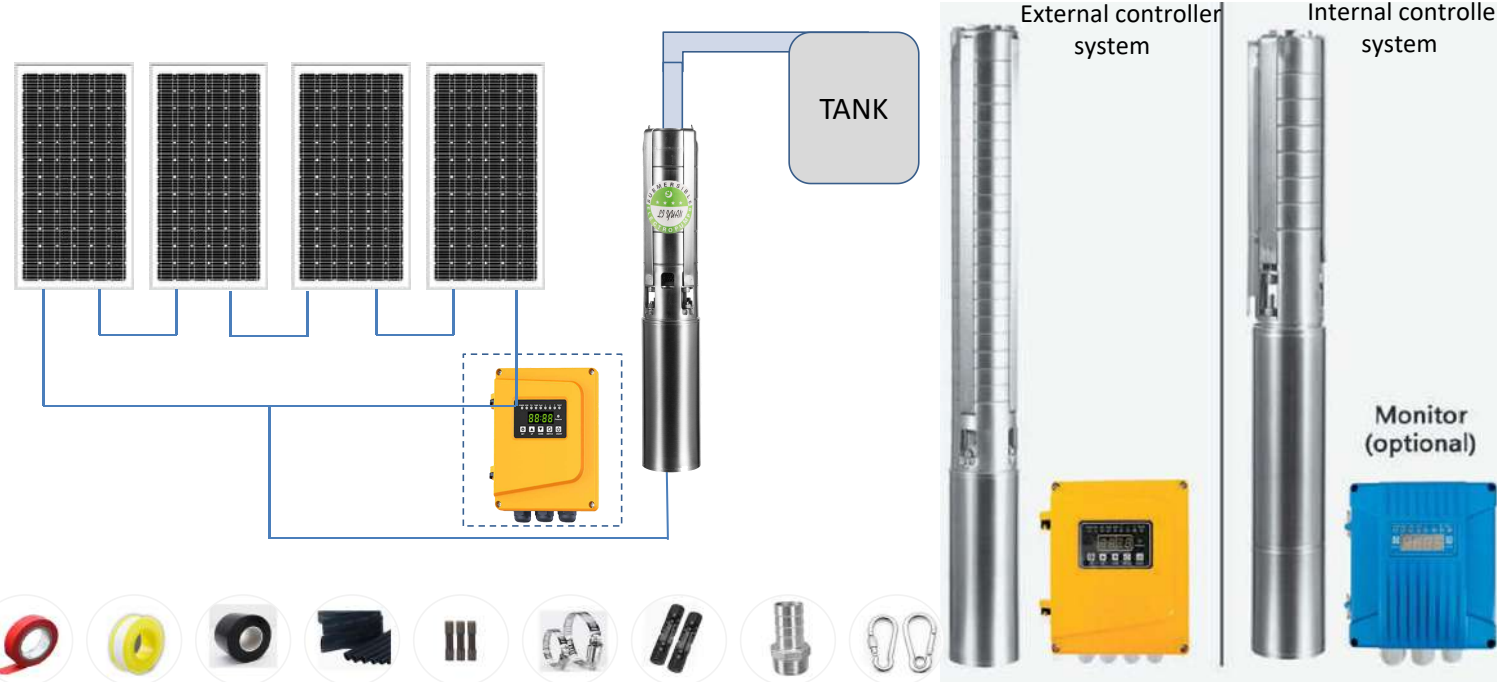
1200W



Motor	DIM &Power	3” / 1200w
	Voltage	80-180V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
MTTP Controller	Casing	SS304
	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
MTTP Controller	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	3SPW/N2-9 66M-5.4m³/h-180V-1200W			Pump DIM	3”	Pump outlet	1.25”
m³/h	5.4	5.0	4.0	3	2.0	1	0
L/min.	90	83	66.6	50	33	16.6	0
H(M)	0	10	30	42	48	56	66

Model	3SPW/N2-11 75M-4.9m³/h-180V-1200W			Pump DIM	3”	Pump outlet	1.25”
m³/h	/	5.0	4.0	3	2.0	1	0
L/min.	/	83	66.6	50	33	16.6	0
H(M)	/	0	21	40	59	67	75



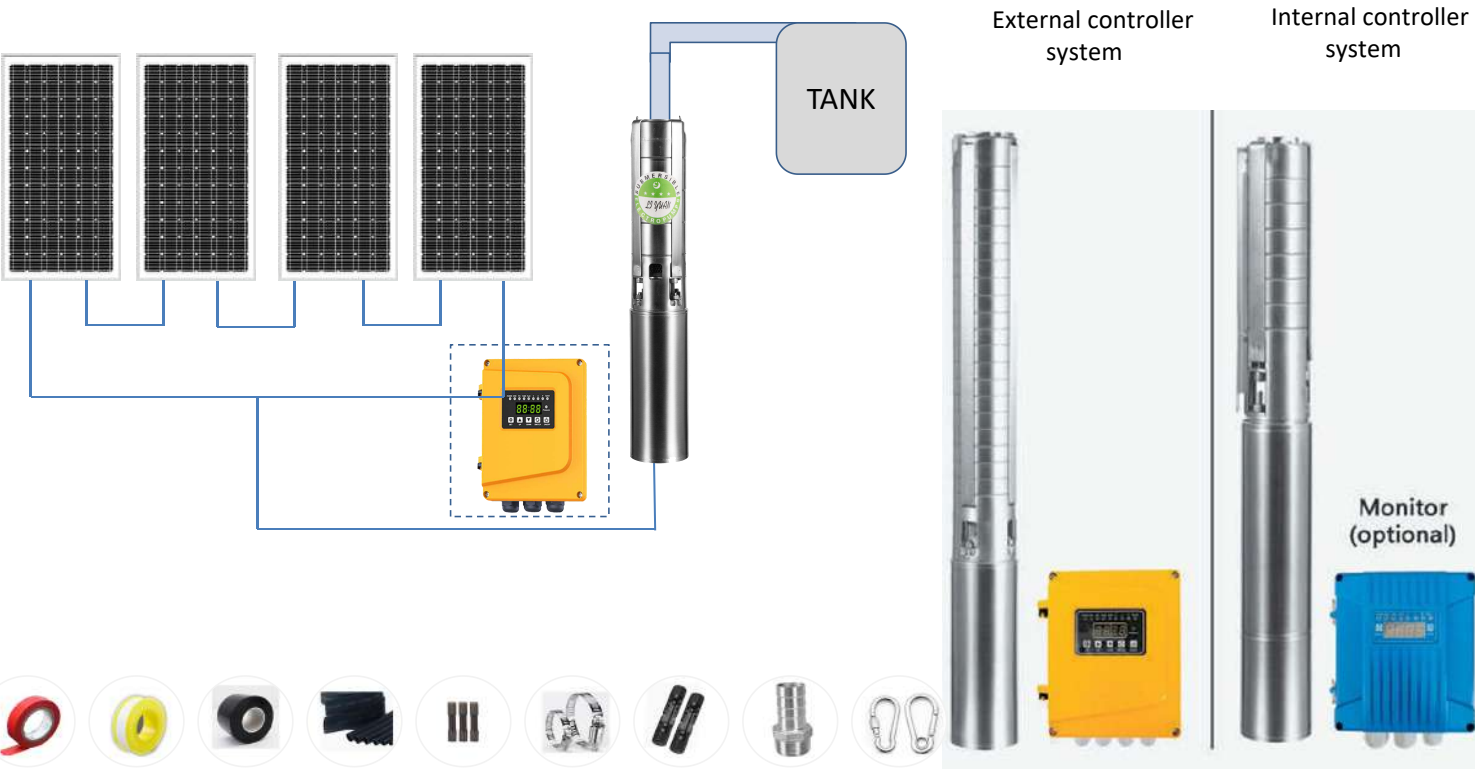
1500W



Motor	DIM &Power	3” / 1500w
	Voltage	80-200V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	3SPW/N2-16 120M-5.0m³/h-200V-1500W		Pump DIM	3”	Pump outlet	1.25”
m³/h	5.0	4.0	3	2.0	1	0
L/min.	83	66.6	50	33	16.6	0
H(M)	0	33	62	83	105	120

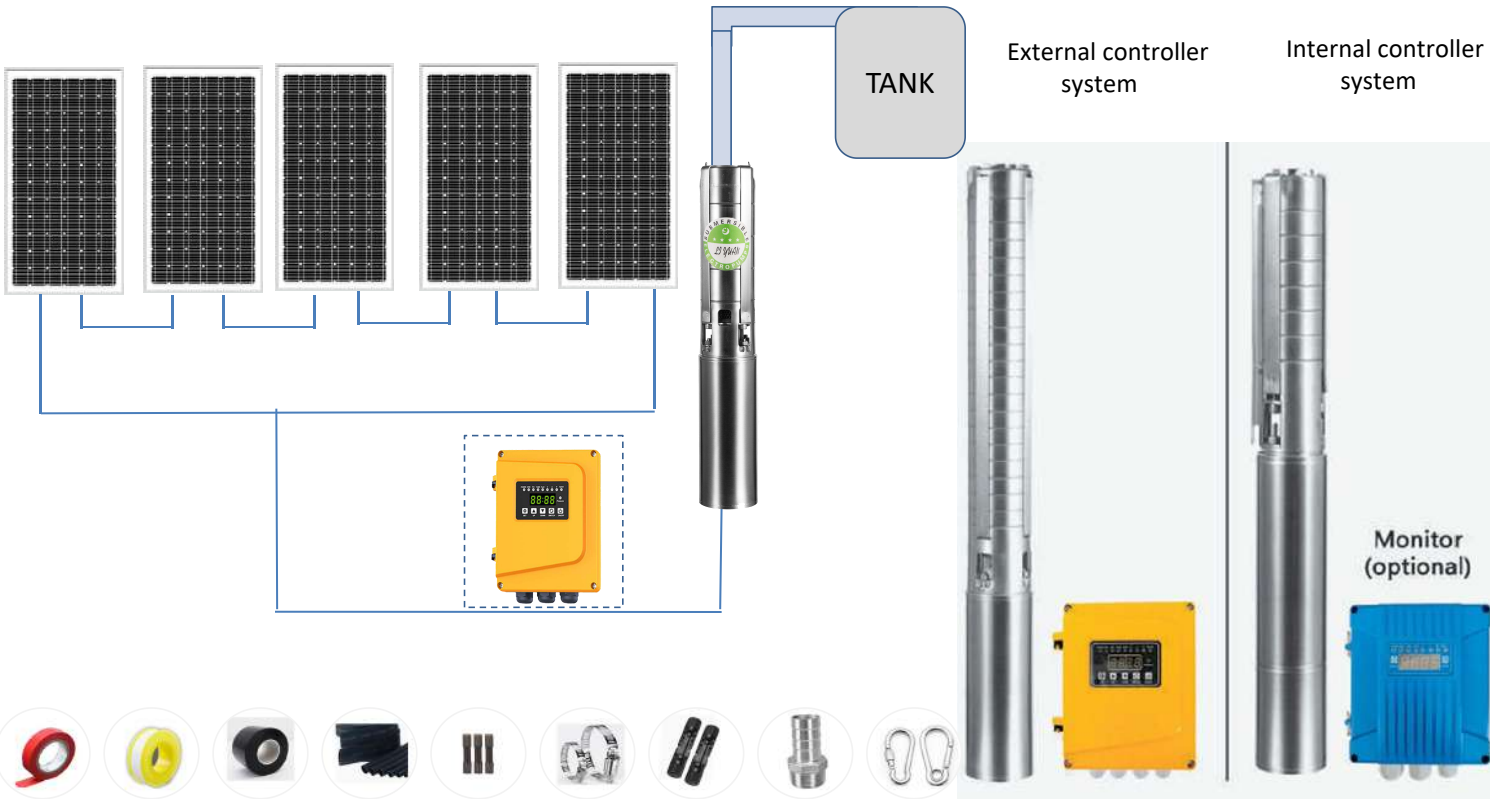
Model	3SPW/N2-18 135M-4.5m³/h-200V-1500W		Pump DIM	3”	Pump outlet	1.25”
m³/h	4.5	4.0	3	2.0	1	0
L/min.	75	66.6	50	33	16.6	0
H(M)	0	20	63	88	118	135



1800W



Motor	DIM &Power	4” / 1800w
	Voltage	60-450V Best: 180-230V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	1.25”/1.5”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*5 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	4SPW/N2-11 116M-6.1m³/h-450V-1800W			Pump DIM	4”	Pump outlet	1.25”
m³/h	6.1	5.0	4.0	3.0	2.0	1.0	0
L/min.	103	83	66.6	50	33	16.6	0
H(M)	0	28	56	76	94	103	116

Model	4SPW/N3-8 88M-7.2m³/h-450V-1800W					Pump DIM	4”	Pump outlet	1.25”
m³/h	7.2	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	120	116	100	83	66.6	50	33	16.6	0
H(M)	0	10	33	52	64	71	75	81	88

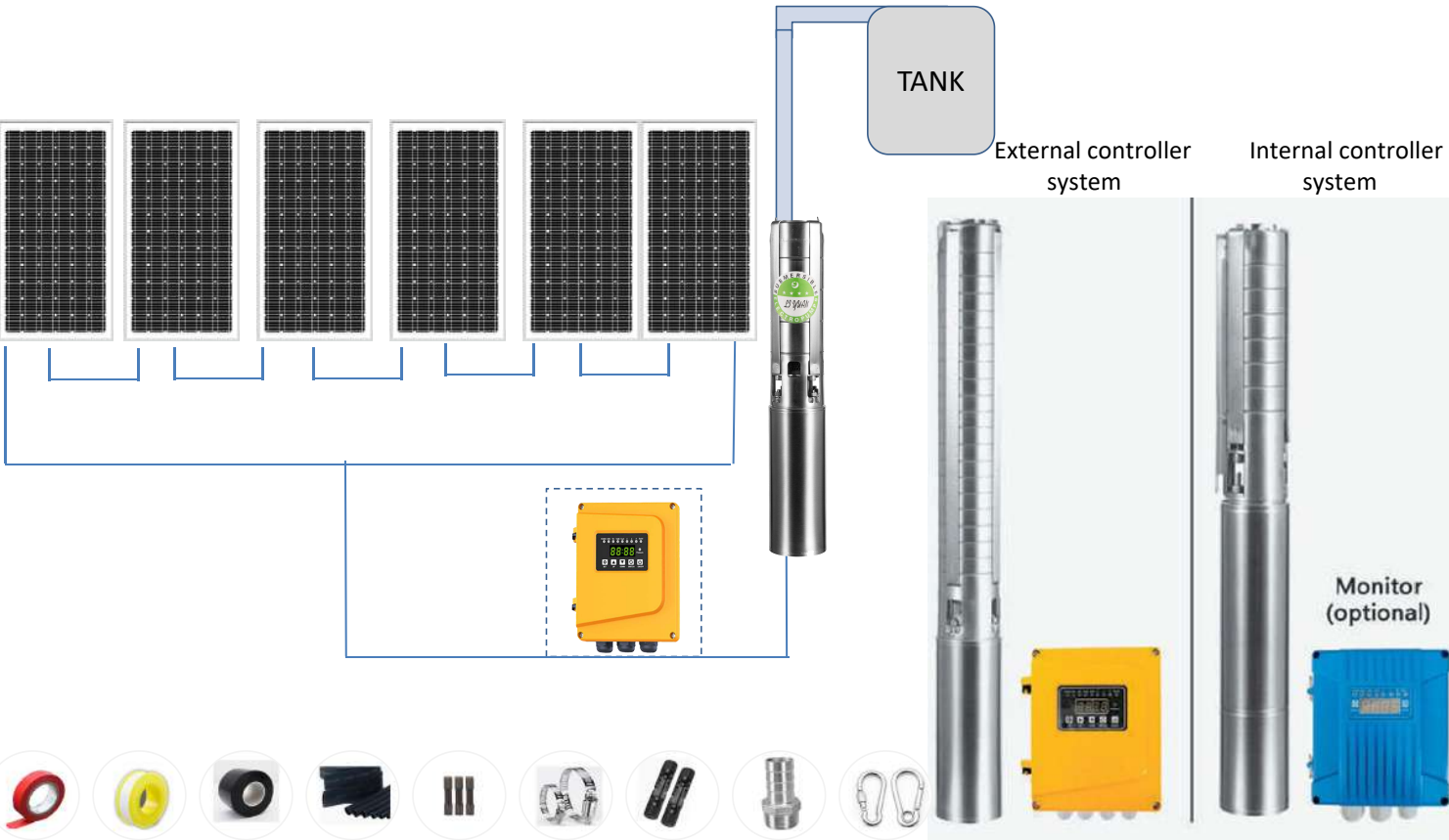
Model	4SPW/N5-8 92M-9.4m³/h-450V-1800W					Pump DIM		4”	Pump outlet		1.5”
m³/h	9.4	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	156	150	133	116	100	83	66.6	50	33	16.6	0
H(M)	0	3	17	28	36	43	54	70	80	87	92

Model	4SPW/N8-4 45M-16.0m³/h-450V-1800W				Pump DIM		4”	Pump outlet		1.5”
m³/h	16.0	15.0	12.0	10.0	8.0	6.0	3.0	0		
L/min.	266	250	200	166	133	100	50	0		
H(M)	0	5	16	21	27	35	42	45		

2200W



Motor	DIM &Power	4” / 2200w
	Voltage	60-450V Best: 220-300V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”/6”
	Pump outlet	1.25”/ 1.5” / 2” / 3”
	Impeller	SS304
	Casing	SS304
MTPP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*6 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	4SPW/N2-13 130M-5.5m³/h-450V-2200W			Pump DIM	4”	Pump outlet	1.25”
m³/h	5.5	5.0	4.0	3.0	2.0	1.0	0
L/min.	92	83	66.6	50	33	16.6	0
H(M)	0	30	62	90	108	117	130

Model	4SPW/N3-11 114M-7.2m³/h-450V-2200W					Pump DIM	4”	Pump outlet	1.25”
m³/h	7.2	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	120	116	100	83	66.6	50	33	16.6	0
H(M)	0	10	37	60	77	89	97	106	114

Model	4SPW/N5-10 112M-9.7m³/h-450V-2200W					Pump DIM		4”	Pump outlet		1.5”
m³/h	9.7	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	161	150	133	116	100	83	66.6	50	33	16.6	0
H(M)	0	13	25	33	46	59	72	91	97	106	116

Model	4SPW/N8-5 57M-16.6m³/h-450V-2200W					Pump DIM		4”	Pump outlet		2”
m³/h	16.6	15.0	12.0	10.0		8.0		6.0		3.0	0
L/min.	276	250	200	166		133		100		50	0
H(M)	0	10	23	30		39		46		54	57

Model	4SPW/N14-2 24M-27.0m³/h-450V-2200W						Pump DIM		4”	Pump outlet		2”
m³/h	27.0	24.0	21.0	18.0	14.0	12.0	9.0		6.0		3.0	0
L/min.	450	400	350	300	233	200	150		100		50	0
H(M)	0	7	12	15	17	19	21		22		23	24

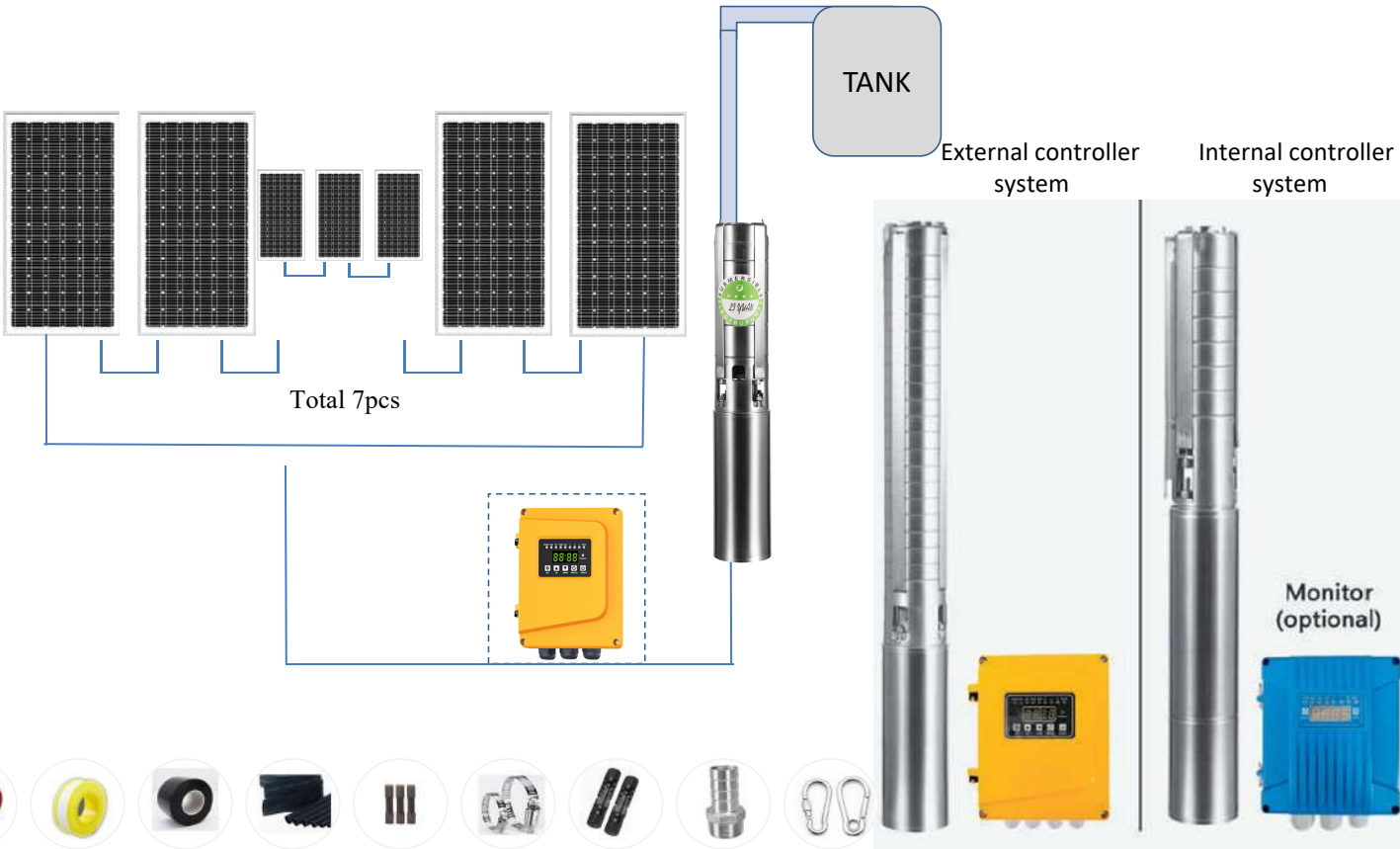
Model	6SPW/N17-1 21M-41.3m³/h-450V-2200W				Pump DIM		6”	Pump outlet		3”
m³/h	40.0		35.1	30.0	25.0		15.0		10.0	0
L/min.	666		583	500	416		250		166	0
H(M)	1		7	12	15		19		20	21

Model	6SPW/N20-1 22M-43.1m³/h-450V-2200W				Pump DIM		6”	Pump outlet		3”
m³/h	43.1	40.0	35.1	30.0	25.0		15.0		10.0	0
L/min.	716	666	583	500	416		250		166	0
H(M)	0	4	8	11	15		19		21	22

2500W



Motor	DIM &Power	4” / 2500w
	Voltage	60-450V Best: 300-380V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”/5”
	Pump outlet	1.25”/ 1.5” / 2” / 2.5”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*7 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	4SPW/N2-16 158M-5.8m³/h-450V-2500W			Pump DIM	4”	Pump outlet	1.25”
m³/h	5.8	5.0	4.0	3.0	2.0	1.0	0
L/min.	96	83	66.6	50	33	16.6	0
H(M)	0	49	83	112	133	146	158

Model	4SPW/N3-13 146M-7.2m³/h-450V-2500W					Pump DIM	4”	Pump outlet	1.25”
m³/h	7.2	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	120	116	100	83	66.6	50	33	16.6	0
H(M)	0	12	60	87	104	116	125	135	146

Model	4SPW/N5-12 134M-10.3m³/h-450V-2500W					Pump DIM		4”	Pump outlet		1.5”
m³/h	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	166	150	133	116	100	83	66.6	50	33	16.6	0
H(M)	2	31	44	60	71	82	100	112	120	127	134

Model	4SPW/N8-7 78M-16.9m³/h-450V-2500W					Pump DIM		4”	Pump outlet		2”
m³/h	16.9	15.0	12.0	10.0		8.0		6.0	3.0		0
L/min.	281	250	200	166		133		100	50		0
H(M)	0	12	28	39		52		61	74		78

Model	4SPW/N14-3 34M-27.3m³/h-450V-2500W						Pump DIM		4”	Pump outlet		2”
m³/h	27.0	24.0	21.0	18.0	14.0	12.0	9.0	6.0	3.0		0	
L/min.	450	400	350	300	233	200	150	100	50		0	
H(M)	1	11	19	21	26	29	31	32	33		34	

Model	5SPW/N20-1 21M-42.9m³/h-450V-2500W		Pump DIM	5”	Pump outlet	2.5”
m³/h	42.9	40.0	30.0	20.0	10.0	0
L/min.	712	666	500	333	166	0
H(M)	0	1	11	17	20	21

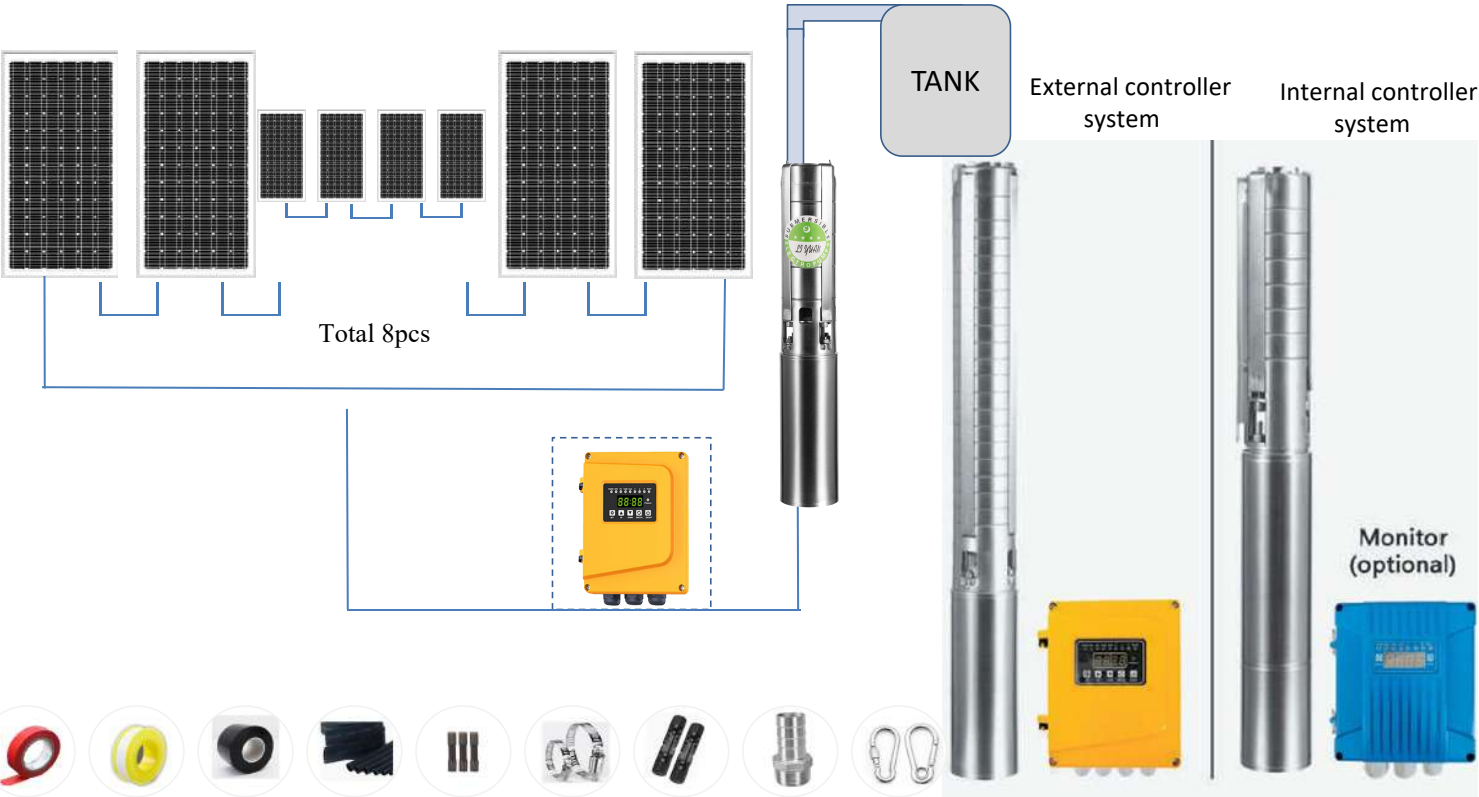
Model	5SPW/N25-1 18M-49.6m³/h-450V-2500W		Pump DIM	5”	Pump outlet	2.5”
m³/h	49.6	40.0	30.0	20.0	10.0	0
L/min.	824	666	500	333	166	0
H(M)	0	6	13	16	17	18

3000W



Motor	DIM &Power	4” / 3000w
	Voltage	60-450V Best: 300-380V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”/5”/6”
	Pump outlet	1.25”/ 1.5” / 2” / 2.5”/3”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*8 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	4SPW/N2-18 184M-5.7m³/h-450V-3000W			Pump DIM	4”	Pump outlet	1.25”
m³/h	5.7	5.0	4.0	3.0	2.0	1.0	0
L/min.	95	83	66.6	50	33	16.6	0
H(M)	0	51	98	130	150	167	184



Model	4SPW/N3-18 191M-7.0m³/h-450V-3000W				Pump DIM	4”	Pump outlet	1.25”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	0	50	81	112	144	165	177	191

Model	4SPW/N5-15 170M-9.7m³/h-450V-3000W					Pump DIM	4”	Pump outlet		1.5”
m³/h	9.7	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
L/min.	161	150	133	116	100	83	66.6	50	33	16.6
H(M)	0	22	35	50	65	80	99	121	151	163

Model	4SPW/N8-8 88M-15.7m³/h-450V-3000W				Pump DIM	4”	Pump outlet	2”
m³/h	15.7	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	261	250	200	166	133	100	50	0
H(M)	0	9	30	41	56	66	84	88

Model	4SPW/N14-4 48M-24.3m³/h-450V-3000W					Pump DIM	4”	Pump outlet	2”
m³/h	24.0	21.0	18.0	14.0	12.0	9.0	6.0	3.0	0
L/min.	400	350	300	233	200	150	100	50	0
H(M)	1	10	20	30	36	41	44	47	48

Model	5SPW/N20-2 42M-40.0m³/h-450V-3000W				Pump DIM	5”	Pump outlet	2.5”
m³/h	/		40.0		30.0	20.0	10.0	0
L/min.	/		666		500	333	166	0
H(M)	/		0		13	25	40	42

Model	5SPW/N25-2 38M-45.0m³/h-450V-3000W				Pump DIM	5”	Pump outlet	2.5”
m³/h	45.0		40.0		30.0	20.0	10.0	0
L/min.	747		666		500	333	166	0
H(M)	0		1		9	16	26	38

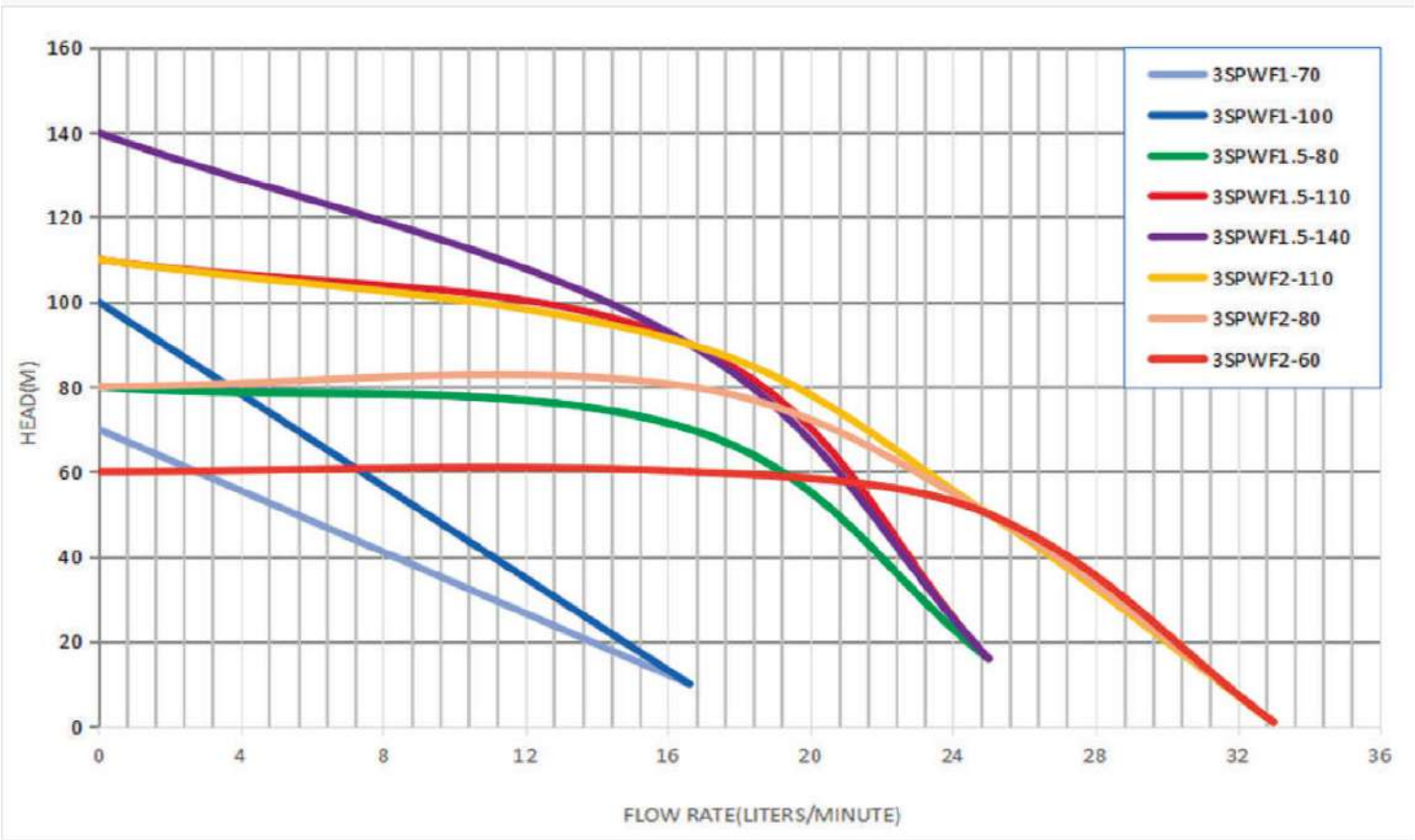
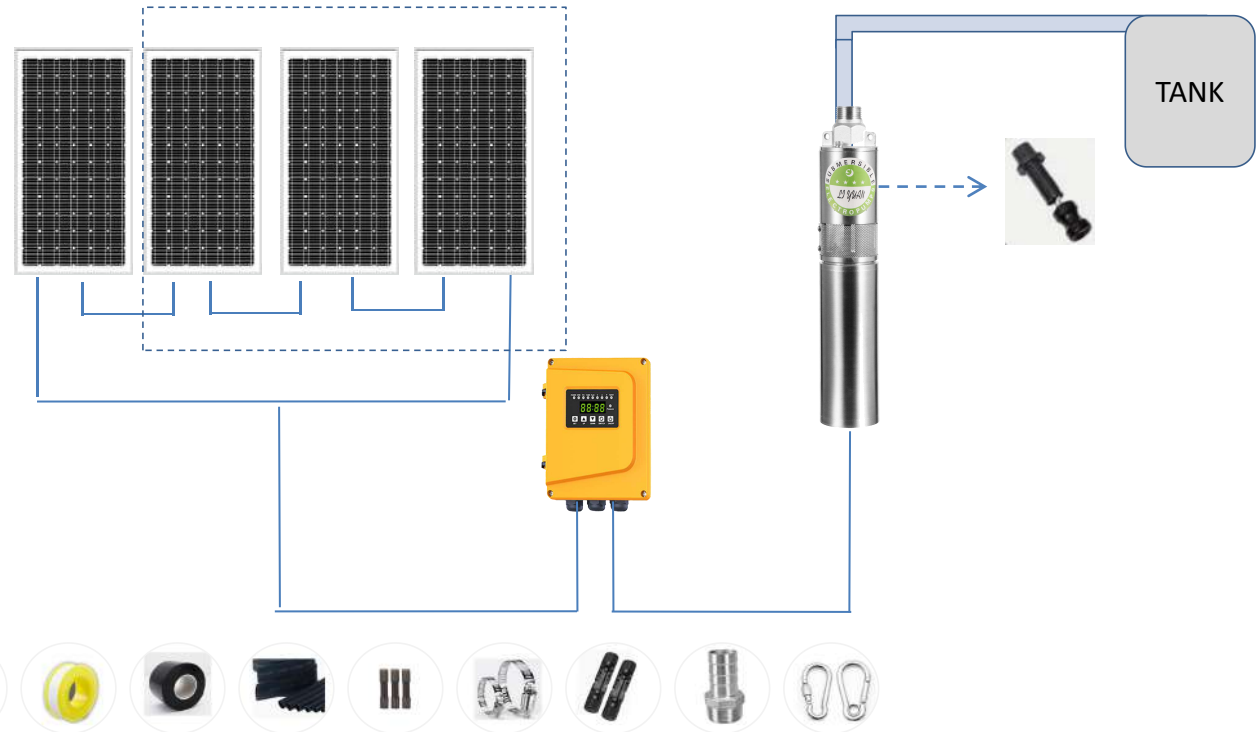
Model	6SPW/N17-2 40M-39.0m³/h-450V-3000W			Pump DIM	6”	Pump outlet	3”
m³/h	39.0	35.1	30.0	25.0	15.0	10.0	0
L/min.	647	583	500	416	250	166	0
H(M)	0	10	15	20	32	36	39

Model	6SPW/N20-2 44M-40.7m³/h-450V-3000W				Pump DIM	6”	Pump outlet	3”
m³/h	40.7	40.0	35.1	30.0	25.0	15.0	10.0	0
L/min.	676	666	583	500	416	250	166	0
H(M)	0	1	7	13	17	27	34	44

300-1200W



Motor	DIM &Power		3” -- 300w /600w / 1000w /1200w
	Voltage	300W	20-48V Best: 30-40V
		600W	40-96V Best: 60-76V
		1000W	60-150V Best: 90-110V
		1200W	80-180V Best: 96-130V
Pump	Type		Water cooled SS304 Permanent-magnet BLDC high efficiency motor
	Pump DIM		3”
	Pump outlet		0.75”
	Impeller		screw
MTTP Controller	Casing		SS304
	External	Protection function:	
		Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage	
		Over-current, Over-power ,Lost phase	
Solar panel proposal	Liquid level control		
	300W		410W*1 PCS
	600W		410W*2 PCS
	1000W		410W*3 PCS
Accessories	1200W		410W*4 PCS
	Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing		

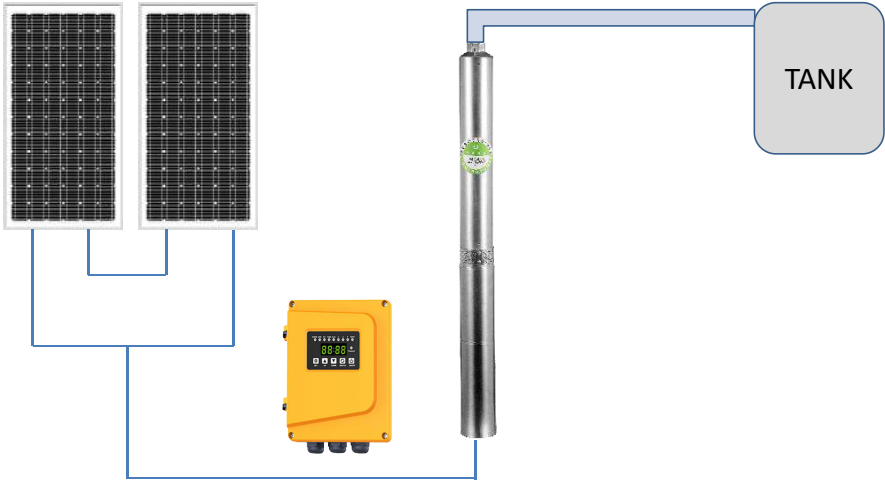


m³/h	0	1	1.5	2
L/min.	0	16.6	25	33
Model	HEAD(M)			
3SPWF1-70 70M-1.0m³/h-48V-300W	70	10	/	/
3SPWF1-100 100M-1.0m³/h-96V-600W	100	10	/	/
3SPWF1.5-80 80M-1.5m³/h-96V-600W	80	70	16	/
3SPWF2-60 60M-2.0m³/h-96V-600W	60	60	50	1
3SPWF1.5-110 110M-1.5m³/h-150V-1000W	110	90	16	/
3SPWF2-80 80M-2.0m³/h-150V-1000W	80	80	50	1
3SPWF1.5-140 140M-1.5m³/h-180V-1200W	140	90	16	/
3SPWF2.0-110 110M-2.0m³/h-180V-1200W	110	90	50	1

600W



Motor	DIM &Power	3” / 600w
	Voltage	AC: 150-240V DC:60-450V Best:60-76V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase , Liquid level control
Solar panel proposal		410W*2 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



External controller system



Model	A/D-3SPW/N1-11P 72M-3.6m³/h-100V-600W				Pump DIM	3”	Pump outlet	1.5”
m³/h	3.6	3	2.5	2.0	1.5	1	0.5	0
L/min.	60	50	41.6	33	25	16.6	8.3	0
H(M)	3	13	17	36	45	56	66	72

Model	A/D-4SPW/N2-5P 51M-5.2m³/h-100V-600W				Pump DIM	4”	Pump outlet	2”
m³/h	5.2	5.0	4.0	3	2.0	1	0	
L/min.	86	83	66.6	50	33	16.6	0	
H(M)	0	1	16	28	36	43	51	

Model	A/D-3SPW/N3-5P 38M-7.4m³/h-100V-600W				Pump DIM	3”	Pump outlet	1.5”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	3	10	16	23	27	32	36	38

Model	A/D-4SPW/N3-4P 52M-6.2m³/h-100V-600W				Pump DIM	4”	Pump outlet	2”
m³/h	6.2	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	103	100	83	66.6	50	33	16.6	0
H(M)	0	3	10	21	31	40	47	52

Model	A/D-4SPW/N4-3P 41M-7.5m³/h-100V-600W				Pump DIM	4”	Pump outlet	2”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	3	10	17	25	26	36	38	41

Model	A/D-4SPW/N8-2P 21M-13.3m³/h-100V-600W				Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0	
L/min.	250	200	166	133	100	50	0	
H(M)	0	4	8	10	14	19	21	

PC IMPELLER SOLAR PUMP-AC DC

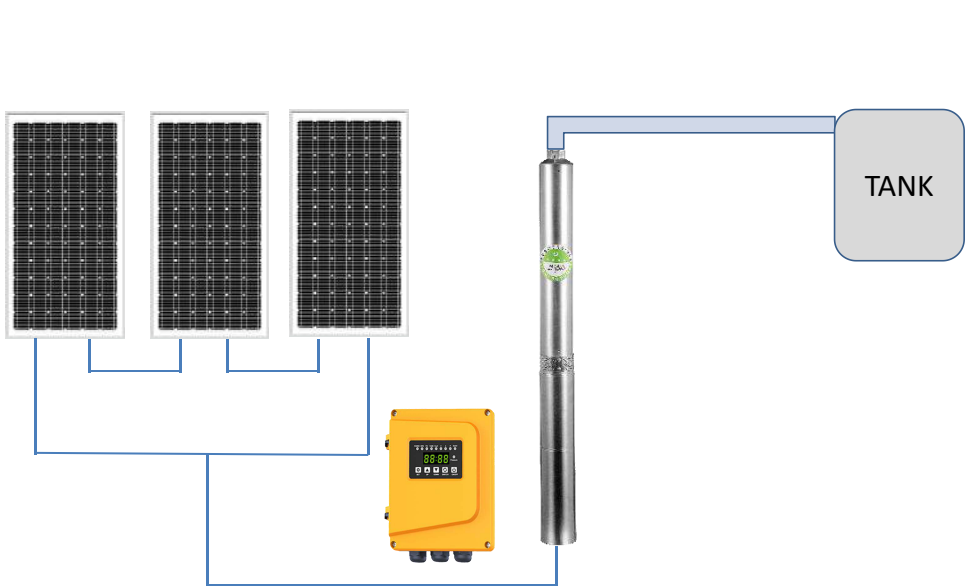
1000W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	3” / 1000w
	Voltage	AC:150-240V DC :60-450V Best: 90-110V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
Solar panel proposal		410W*3 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



PC IMPELLER SOLAR PUMP-AC DC

Model	A/D-3SPW/N1-12P 93M-3.8m³/h-150V-1000W				Pump DIM	3”	Pump outlet	1.5”
m³/h	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	58	50	41.6	33	25	16.6	8.3	0
H(M)	8	24	37	350	63	78	88	93

Model	A/D-4SPW/N2-7P 80M-5.0m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	5.0	4.0			3	2.0	1	0
L/min.	83	66.6			50	33	16.6	0
H(M)	1	20			37	55	67	80

Model	A/D-3SPW/N3-7P 52M-7.8m³/h-150V-1000W					Pump DIM	3”	Pump outlet	1.5”
m³/h	7.8	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	130	116	100	83	66.6	50	33	16.6	0
H(M)	0	6	17	26	38	43	48	51	52

Model	A/D-4SPW/N3-5P 70M-6.9m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	6.9	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	115	100	83	66.6	50	33	16.6	0
H(M)	0	7	23	38	49	58	64	70

Model	A/D-4SPW/N4-3P 43M-8.8m³/h-150V-1000W					Pump DIM	4”	Pump outlet	2”
m³/h	8.8	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	146	116	100	83	66.6	50	33	16.6	0
H(M)	0	15	22	30	36	40	41	42	43

Model	A/D-4SPW/N6-3P 40M-13.1m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	13.1	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	217	200	166	100	133	66.6	33	0
H(M)	0	2	8	17	24	27	33	40

Model	A/D-4SPW/N8-3P 35M-14.2m³/h-150V-1000W				Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0		8.0	6.0	3.0	0
L/min.	250	200	166		133	100	50	0
H(M)	0	7	11		14	17	24	35

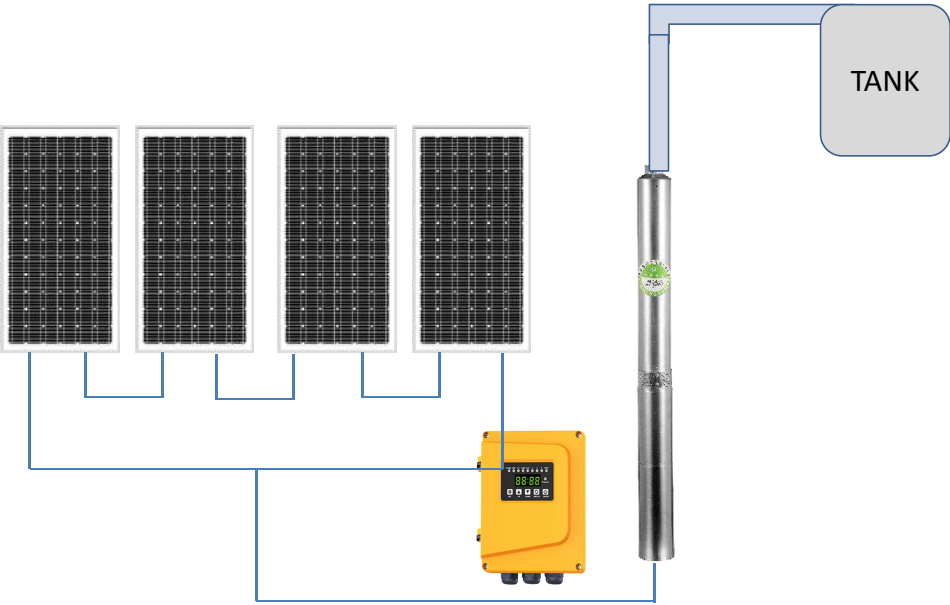
1200W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	3” / 1200w
	Voltage	AC:150-240V DC:60-450V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



External controller system



Model	A/D-3SPW/N1-14P 114M-4.0m³/h-200V-1200W					Pump DIM	3”	Pump outlet	1.5”
m³/h	4.0	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	66.6	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	18	39	52	68	83	97	109	114

Model	A/D-4SPW/N2-9P 100M-5.0m³/h-200V-1200W				Pump DIM	4”	Pump outlet	2”
m³/h	5.2	5.0	4.0	3	2.0	1	0	
L/min.	86	83	66.6	50	33	16.6	0	
H(M)	/	0	23	50	66	82	100	

Model	A/D-3SPW/N3-8P 59M-7.0m³/h-200V-1200W				Pump DIM	3”	Pump outlet	1.5”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	1	11	21	34	42	48	55	59

Model	A/D-4SPW/N4-4P 62M-8.3m³/h-200V-1200W					Pump DIM	4”	Pump outle	2”
m³/h	8.3	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	138	116	100	83	66.6	50	33	16.6	0
H(M)	0	12	21	31	40	46	51	58	62

Model	A/D-4SPW/N6-4P 49M-12.0m³/h-200V-1200W				Pump DIM	4”	Pump outlet	2”
m³/h	12.0	10.0	6.0		8.0	3.0	2.0	0
L/min.	200	166	100		133	66.6	33	0
H(M)	0	10	19		29	35	42	49

Model	A/D-4SPW/N8-4P 41M-14.1m³/h-200V-1200W			Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	250	200	166	133	100	50	0
H(M)	0	9	16	19	23	31	41

Model	A/D-4SPW/N12-2P 21M-18.2m³/h-200V-1200W			Pump DIM	4”	Pump outlet	2”
m³/h	18.2	15.0	12.0	10.8	6.0	3.0	0
L/min.	302	250	200	150	100	50	0
H(M)	0	7	11	15	17	19	21

PC IMPELLER SOLAR PUMP-AC DC

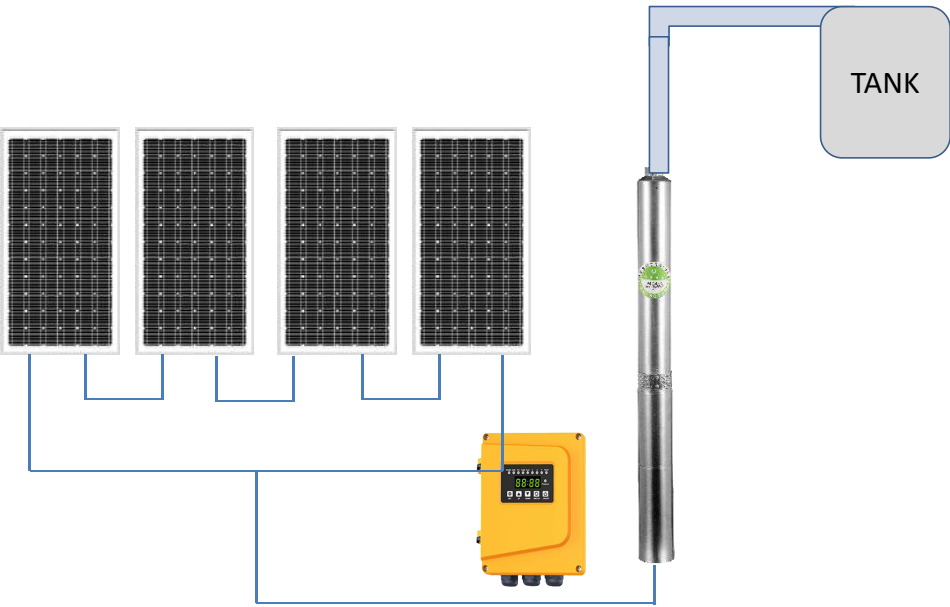
1500W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	3” / 1500w
	Voltage	AC: 150-240V DC: 60-450V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3“/4”
	Pump outlet	1.5”/2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



External controller system



PC IMPELLER SOLAR PUMP-AC DC

Model	A/D-3SPW/N1-17P 144M-4.1m³/h-200V-1500W					Pump DIM	3”	Pump outlet	1.5”
m³/h	4.1	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	68	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	22	41	70	82	102	121	132	144

Model	A/D-3SPW/N1-20P 158M-3.8m³/h-200V-1500W					Pump DIM	3”	Pump outlet	1.5”
m³/h	3.8	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	63	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	20	41	58	83	110	123	141	158

Model	A/D-3SPW/N2-16P 130M-5.5m³/h-200V-1500W				Pump DIM	3”	Pump outlet	1.5”
m³/h	5.5	5.0	4.0	3	2.0	1	0	
L/min.	91.3	83	66.6	50	33	16.6	0	
H(M)	0	12	50	71	92	110	130	

Model	A/D-3SPW/N3-12P 95M-7.4m³/h-200V-1500W					Pump DIM	3”	Pump outlet	1.5”
m³/h	7.4	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	123	116	100	83	66.6	50	33	16.6	0
H(M)	0	4	25	42	55	63	74	88	95

Model	A/D-4SPW/N4-6P 94M-8.5m³/h-200V-1500W					Pump DIM	4”	Pump outlet	2”
m³/h	8.5	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	141	116	100	83	66.6	50	33	16.6	0
H(M)	0	20	38	50	61	72	80	87	94

Model	A/D-4SPW/N8-5P 60M-15.5m³/h-200V-1500W			Pump DIM	4”	Pump outlet	2”
m³/h	15.5	12.0	10.0	8.0	6.0	3.0	0
L/min.	257	200	166	133	100	50	0
H(M)	0	11	20	22	31	44	60

Model	A/D-4SPW/N12-3P 32M-21.1m³/h-200V-1500W				Pump DIM	4”	Pump outlet	2”
m³/h	21.1	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	350	300	250	200	150	100	50	0
H(M)	0	6	12	17	21	25	28	32

PC IMPELLER SOLAR PUMP-AC DC

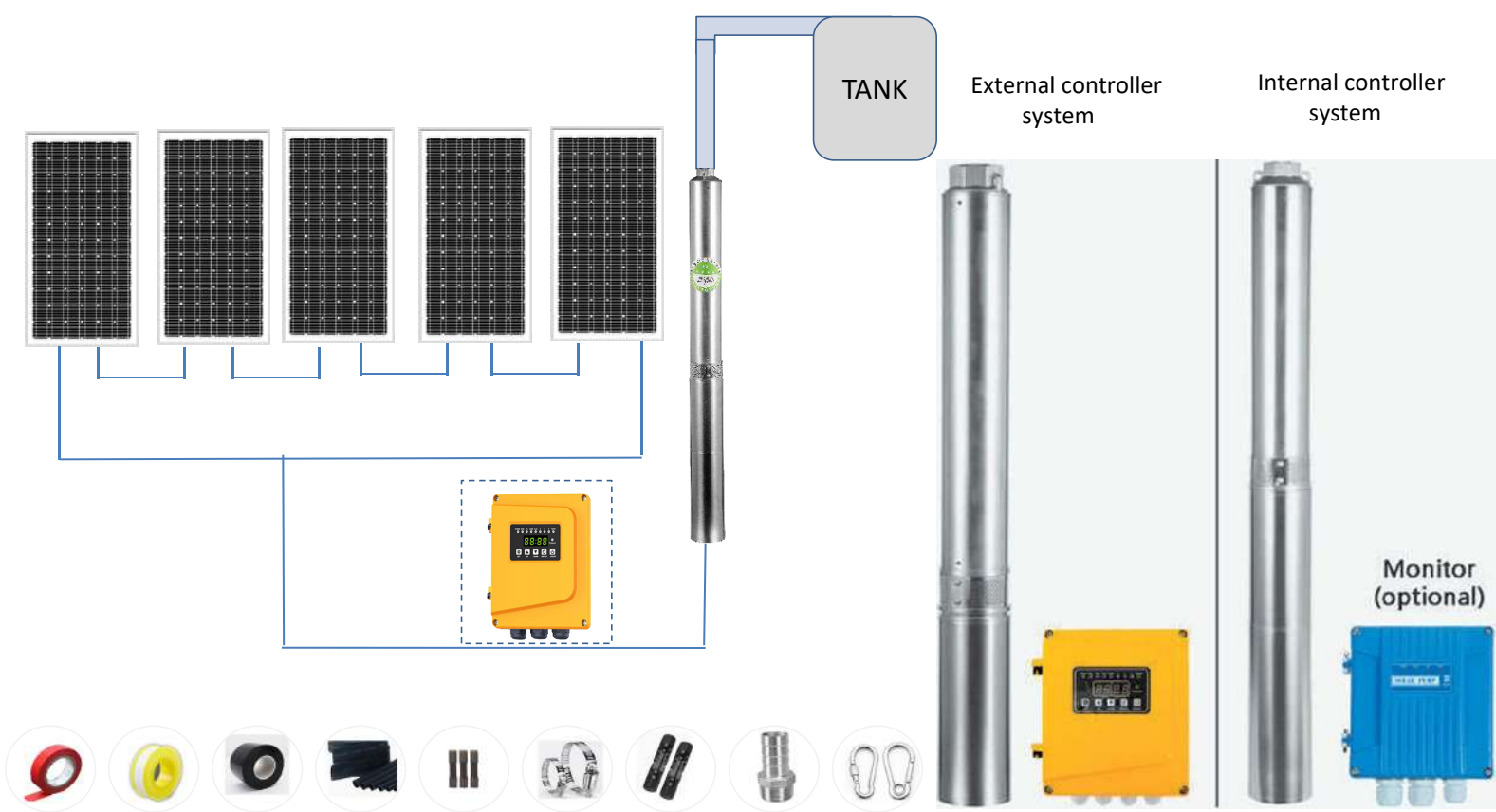
1800W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	4” / 1800w
	Voltage	AC: 150-240V DC :60-450V Best: 180-230V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase,Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*5 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



PC IMPELLER SOLAR PUMP-AC DC

Model	A/D-4SPW/N1-16P 195M-3.6m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	58	50	41.6	33	25	16.6	8.3	0
H(M)	1	18	39	77	112	142	168	195

Model	A/D-4SPW/N2-9P 149M-5.7m3/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m3/h	5.7	5.0	4.0	3	2.0	1	0	
L/min.	95	83	66.6	50	33	16.6	0	
H(M)	0	19	50	80	110	127	149	

Model	A/D-4SPW/N3-8P 130M-7.3m³/h-450V-1800W					Pump DIM	4”	Pump outlet	2”
m³/h	7.3	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	121	116	100	83	66.6	50	33	16.6	0
H(M)	0	8	32	43	61	83	102	113	130

Model	A/D-4SPW/N4-6P 109M-8.4m³/h-450V-1800W					Pump DIM	4”	Pump outlet	2”
m³/h	8.4	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	140	116	100	83	66.6	50	33	16.6	0
H(M)	0	21	39	51	70	82	89	102	109

Model	A/D-4SPW/N6-5P 78M-13.2m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	13.2	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	220	200	166	33	133	66.6	33	0
H(M)	0	10	21	19	42	53	62	78

Model	A/D-4SPW/N8-5P 71M-15.8m³/h-4500V-1800W			Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	250	200	166	133	100	50	0
H(M)	1	18	23	29	38	50	71

Model	A/D-4SPW/N12-3P 41M-20.3m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	20.3	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	337	300	250	200	150	100	50	0
H(M)	0	6	12	17	22	27	34	41

Model	A/D-4SPW/N16-2P 23M-25.7m³/h-450V-1800W				Pump DIM	4”	Pump outlet	2”
m³/h	25.7	24.0	18.0	16.0	12.0	10.8	6.0	0
L/min.	427	400	300	266	200	150	100	0
H(M)	0	4	9	11	13	15	17	21

PC IMPELLER SOLAR PUMP-AC DC

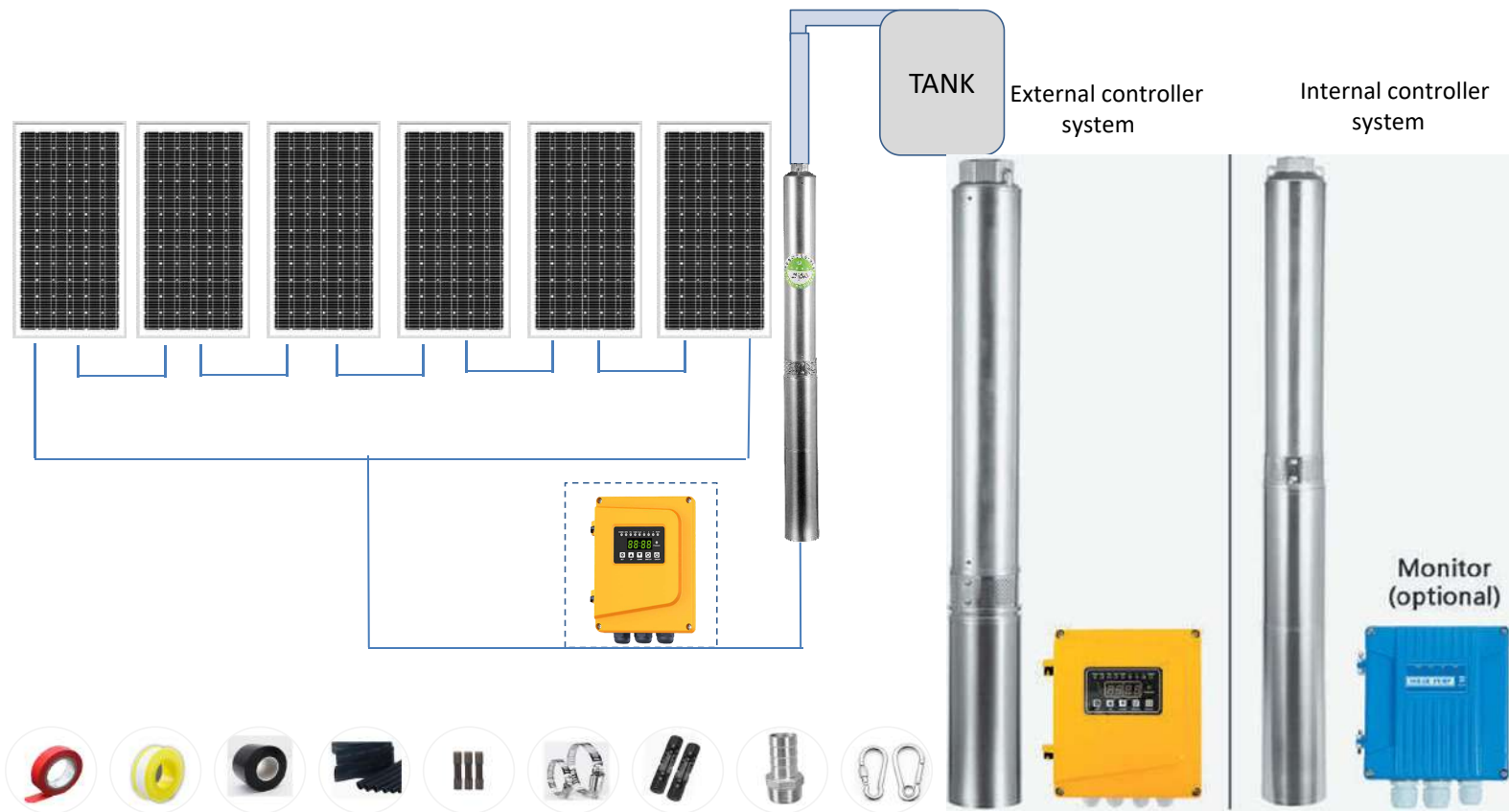
2200W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	4” / 2200w
	Voltage	AC:150-240V DC:60-450V Best: 220-300V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase,Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*6 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



PC IMPELLER SOLAR PUMP-AC DC

Model	A/D-4SPW/N1-21P 235M-3.7m³/h-450V-2200W					Pump DIM	4”	Pump outlet	2”
m³/h	3.7	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	62	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	13	40	82	120	144	180	216	235

Model	A/D-4SPW/N2-13P 190M-5.7m³/h-450V-2200W			Pump DIM	4”	Pump outlet	2”
m³/h	5.7	5.0	4.0	3	2.0	1	0
L/min.	95	83	66.6	50	33	16.6	0
H(M)	0	21	63	104	147	172	190

Model	A/D-4SPW/N3-9P 155M-7.4m³/h-450V-2200W					Pump DIM	4”	Pump outlet	2”
m³/h	7.4	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	123	116	100	83	66.6	50	33	16.6	0
H(M)	0	3	17	50	80	100	122	138	155

Model	A/D-4SPW/N4-8P 145M-8.5m³/h-450V-2200W					Pump DIM	4”	Pump outlet	2”
m³/h	8.5	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	141	116	100	83	66.6	50	33	16.6	0
H(M)	0	28	53	67	85	101	113	129	145

Model	A/D-4SPW/N6-6P 90M-13.0m³/h-450V-2200W				Pump DIM	4”	Pump outlet	2”
m³/h	13.0	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	216	200	166	33	133	66.6	33	0
H(M)	0	11	24	42	57	67	76	90

Model	A/D-4SPW/N8-7P 90M-15.3m³/h-4500V-2200W			Pump DIM	4”	Pump outlet	2”
m³/h	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	250	200	166	133	100	50	0
H(M)	1	20	31	39	46	61	90

Model	A/D-4SPW/N12-5P 56M-20.3m³/h-450V-2200W				Pump DIM	4”	Pump outlet	2”
m³/h	20.3	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	337	300	250	200	150	100	50	0
H(M)	0	10	19	26	33	39	46	56

Model	A/D-4SPW/N16-3P 32M-30.0m³/h-450V-2200W				Pump DIM	4”	Pump outle	2”
m³/h	30	24.0	18.0	16.0	12.0	10.8	6.0	0
L/min.	500	400	300	266	200	150	100	0
H(M)	0	7	14	17	20	24	26	32

PC IMPELLER SOLAR PUMP-AC DC

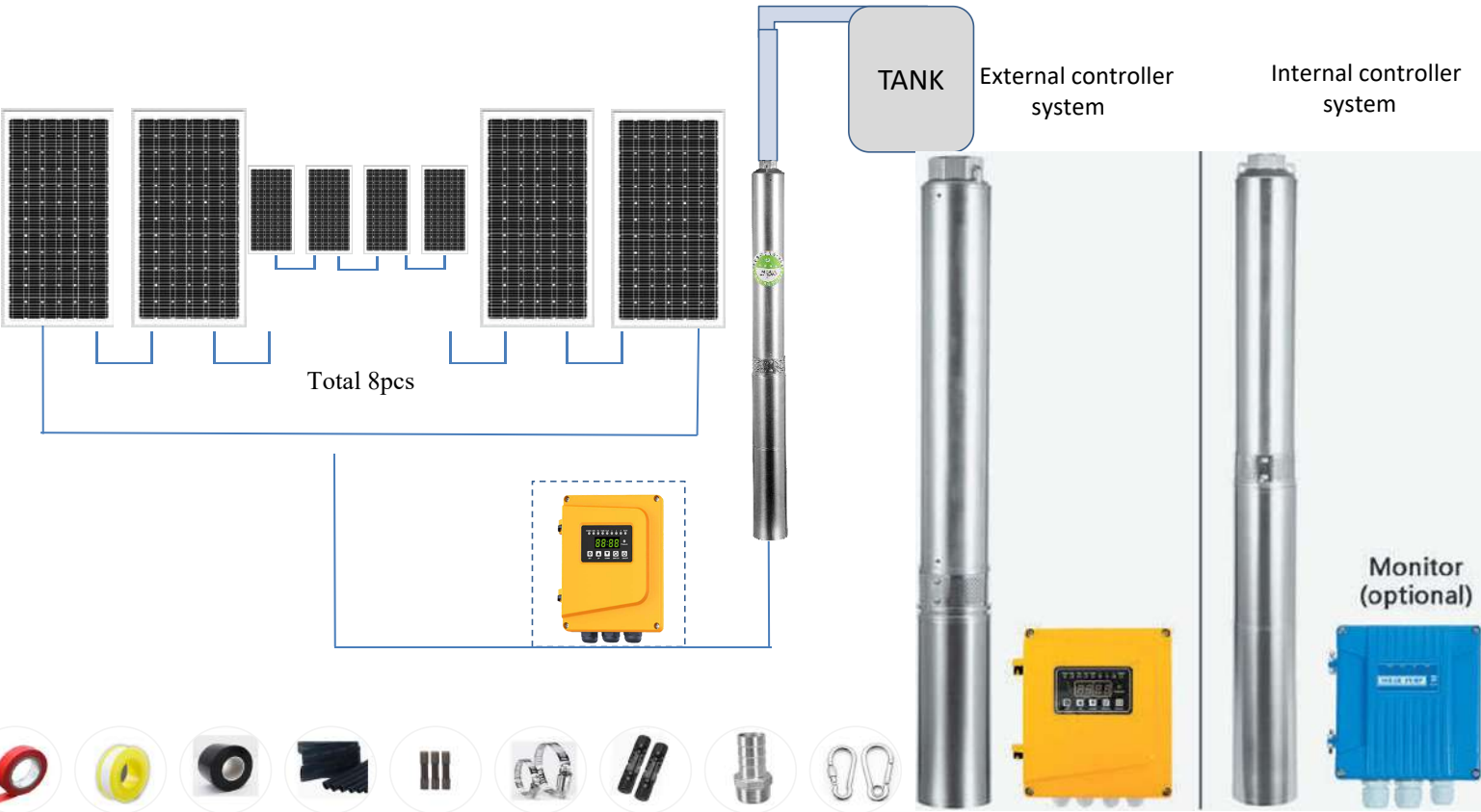
3000W

WARRANTY

2 YEAR

WARRANTY

Motor	DIM &Power	4” / 3000w
	Voltage	AC:150-240V DC:60-450V Best: 300-380V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	2”
	Impeller	PC
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*8 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



PC IMPELLER SOLAR PUMP-AC DC

Model	A/D-4SPW/N1-26P 325M-3.7m³/h-450V-3000W					Pump DIM	4”	Pump outlet	2”
m³/h	3.7	3.5	3	2.5	2.0	1.5	1	0.5	0
L/min.	61	58	50	41.6	33	25	16.6	8.3	0
H(M)	0	15	78	122	175	220	266	300	325

Model	A/D-4SPW/N2-17P 255M-5.6m³/h-450V-3000W				Pump DIM	4”	Pump outlet	2”
m³/h	5.6	5.0	4.0	3	2.0	1	0	
L/min.	93	83	66.6	50	33	16.6	0	
H(M)	0	36	82	137	188	220	255	

Model	A/D-4SPW/N3-13P 220M-7.1m³/h-450V-3000W				Pump DIM	4”	Pump outlet	2”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	2	41	81	104	142	180	196	220

Model	A/D-4SPW/N4-13P 200M-7.8m³/h-450V-3000W					Pump DIM	4”	Pump outlet	2”
m³/h	7.8	7.0	6.0	5.0	4.0	3.0	2.0	1	0
L/min.	130	116	100	83	66.6	50	33	16.6	0
H(M)	0	23	59	82	116	138	158	170	200

Model	A/D4SPW/N6-8P 126M-14.0m³/h-450V-3000W				Pump DIM	4”	Pump outlet	2”
m³/h	14.0	12.0	10.0	6.0	8.0	3.0	2.0	0
L/min.	233	200	166	33	133	66.6	33	0
H(M)	0	18	48	60	79	93	108	126

Model	A/D-4SPW/N8-8P 120M-16.7m³/h-4500V-3000W				Pump DIM	4”	Pump outlet	2”
m³/h	16.7	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	278	250	200	166	133	100	50	0
H(M)	0	12	32	49	59	68	91	120

Model	A/D-4SPW/N12-5P 72M-22.9m³/h-450V-3000W					Pump DIM	4”	Pump outlet	2”
m³/h	22.9	21.0	18.0	15.0	12.0	10.8	6.0	3.0	0
L/min.	380	349	300	250	200	150	100	50	0
H(M)	0	8	19	30	37	44	51	62	72

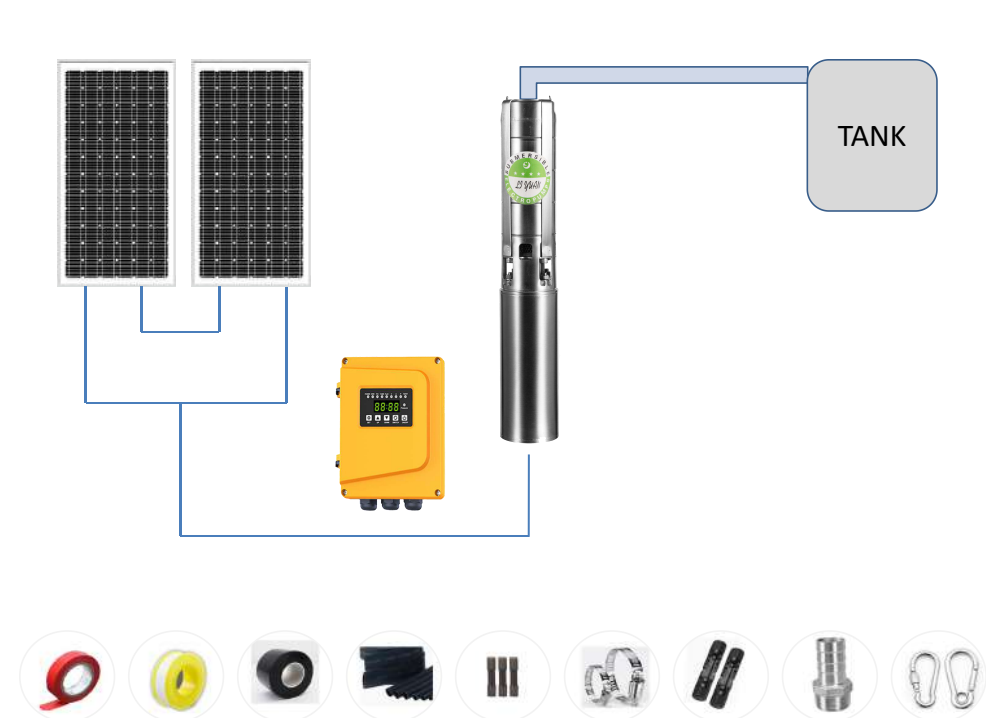
Model	A/D-4SPW/N16-4P 45M-30.6m³/h-450V-3000W				Pump DIM	4”	Pump outlet	2”
m³/h	30	24.0	18.0	16.0	12.0	10.8	6.0	0
L/min.	500	400	300	266	200	150	100	0
H(M)	1	12	21	24	29	33	37	45

600W



Motor	DIM &Power	3” / 600w
	Voltage	AC:150-240V DC :60-450V Best: 60-76V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
Solar panel proposal		410W*2 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	A/D-3SPW/N2-5 36M-5.1m³/h-96V-600W			Pump DIM	3”	Pump outlet	1.25”
m³/h	5.1	5.0	4.0	3	2.0	1	0
L/min.	85	83	66.6	50	33	16.6	0
H(M)	0	6	17	23	27	31	36

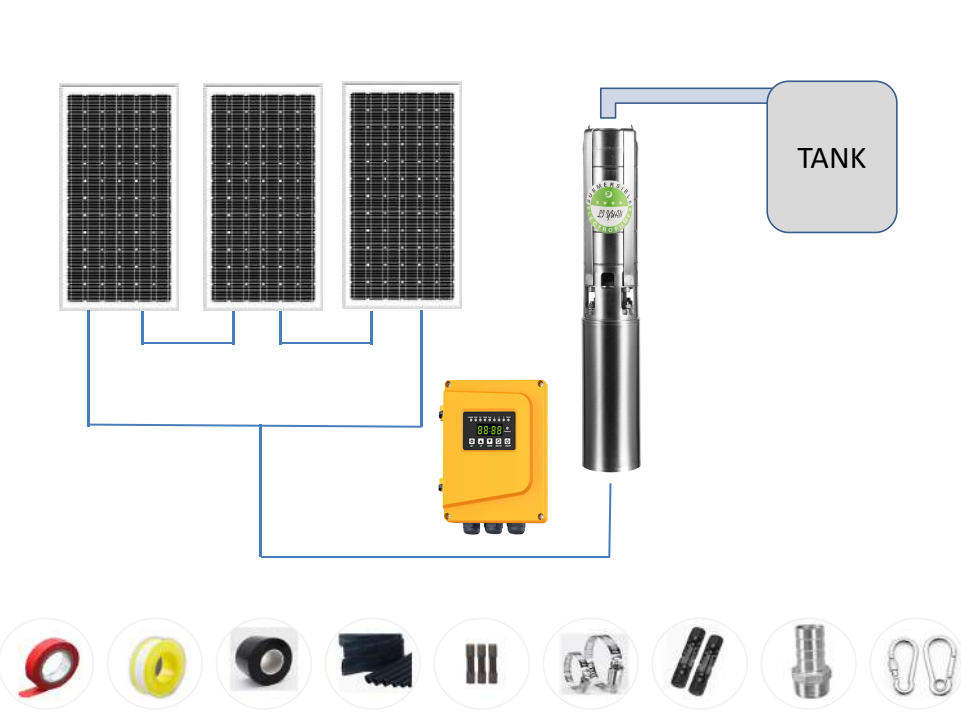


1000W



Motor	DIM &Power	3” / 1000w
	Voltage	AC:150-240V DC:60-450V Best: 90-110V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
Solar panel proposal		410W*3 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	A/D-3SPW/N2-7 48M-5.4m³/h-150V-1000W			Pump DIM	3”	Pump outlet	1.25”
m³/h	5.4	5.0	4.0	3	2.0	1	0
L/min.	90	83	66.6	50	33	16.6	0
H(M)	0	16	31	38	43	46	48



1200W

WARRANTY

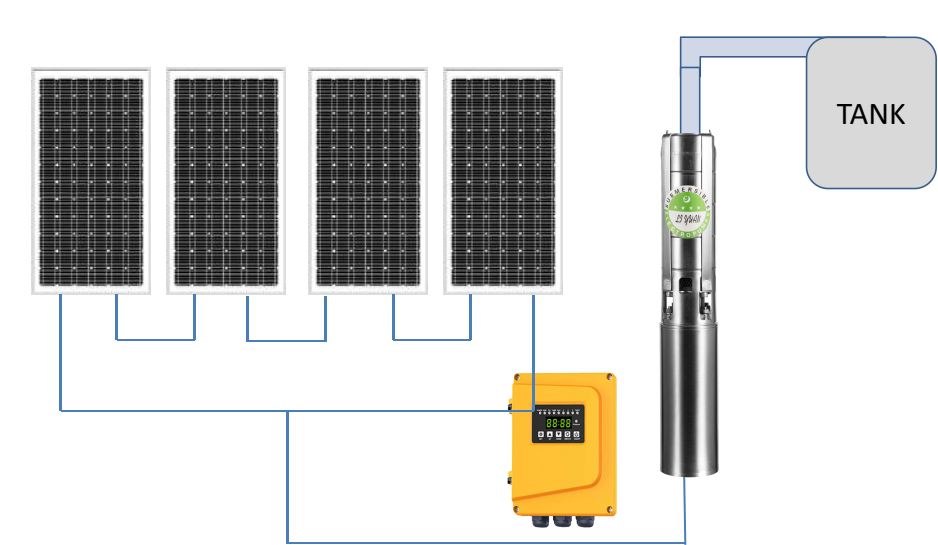
2 YEAR

WARRANTY

Motor	DIM &Power	3” / 1200w
	Voltage	AC:150-240V DC: 60-450V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	A/D-3SPW/N2-9 66M-5.4m³/h-180V-1200W			Pump DIM	3”	Pump outlet	1.25”
m³/h	5.4	5.0	4.0	3	2.0	1	0
L/min.	90	83	66.6	50	33	16.6	0
H(M)	0	10	30	42	48	56	66

Model	A/D-3SPW/N2-11 75M-4.9m³/h-180V-1200W			Pump DIM	3”	Pump outlet	1.25”
m³/h	/	5.0	4.0	3	2.0	1	0
L/min.	/	83	66.6	50	33	16.6	0
H(M)	/	0	21	40	59	67	75



1500W

WARRANTY

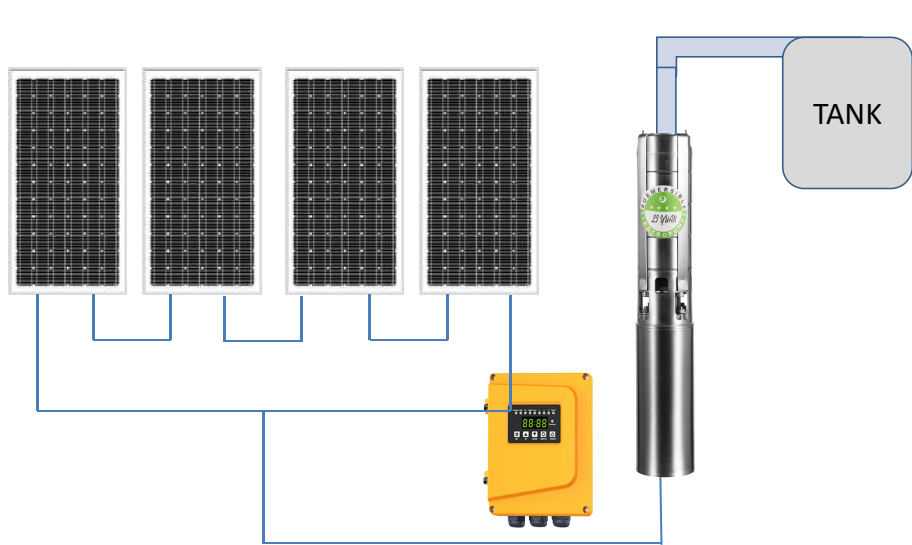
2 YEAR

WARRANTY

Motor	DIM &Power	3” / 1500w
	Voltage	AC:150-240V DC: 60-450V Best: 96-130V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	3”
	Pump outlet	1.25”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
Solar panel proposal		410W*4 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	A/D-3SPW/N2-16 120M-5.0m³/h-200V-1500W		Pump DIM	3”	Pump outlet	1.25”
m³/h	5.0	4.0	3	2.0	1	0
L/min.	83	66.6	50	33	16.6	0
H(M)	0	33	62	83	105	120

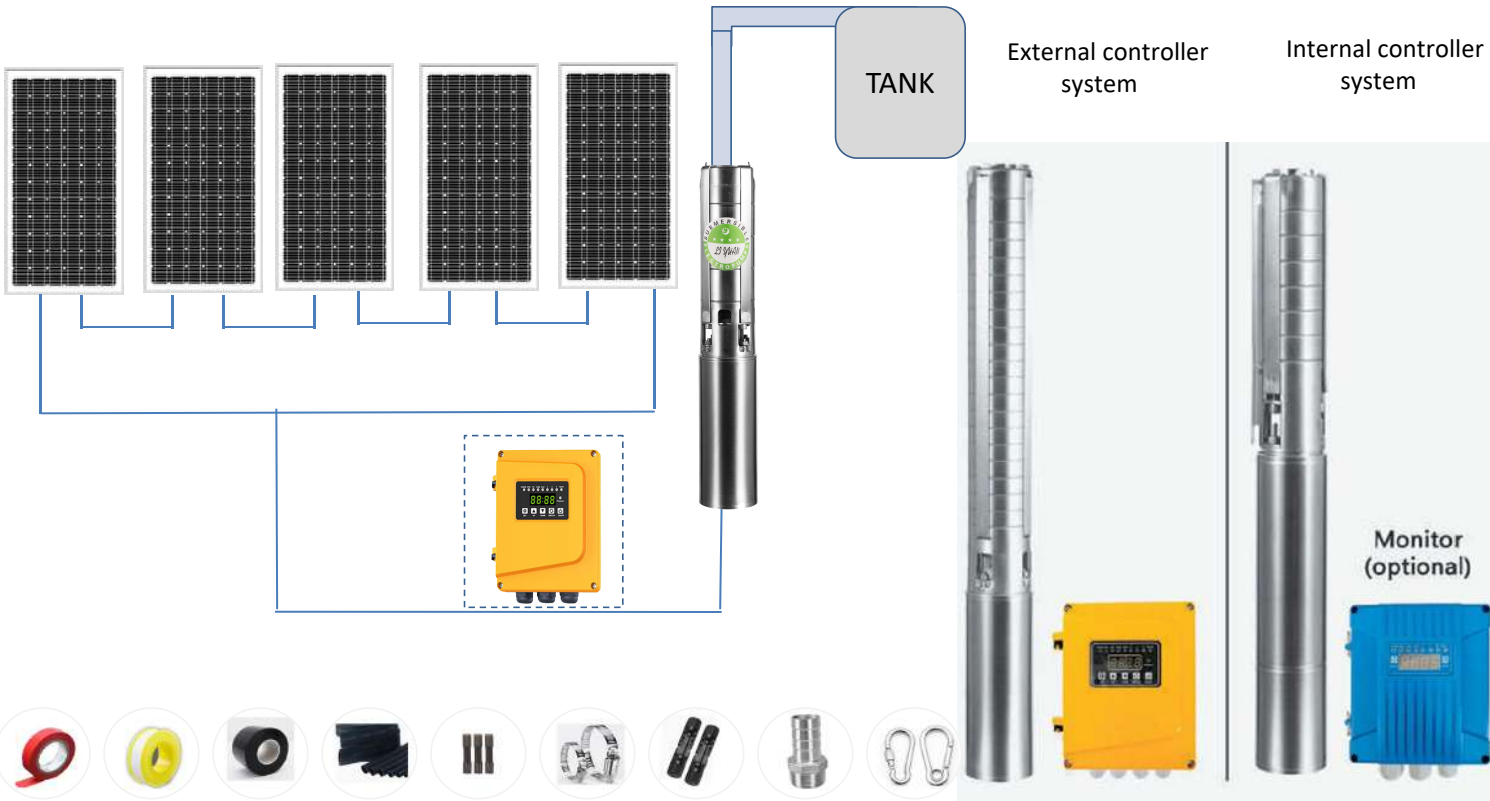
Model	A/D-3SPW/N2-18 135M-4.5m³/h-200V-1500W		Pump DIM	3”	Pump outlet	1.25”
m³/h	4.5	4.0	3	2.0	1	0
L/min.	75	66.6	50	33	16.6	0
H(M)	0	20	63	88	118	135



1800W



Motor	DIM &Power	4” / 1800w
	Voltage	AC: 150-240V DC: 60-450V Best: 180-230V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”
	Pump outlet	1.25”/1.5”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase,Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*5 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	A/D-4SPW/N2-11 116M-6.1m³/h-450V-1800W			Pump DIM	4”	Pump outlet	1.25”
m³/h	6.1	5.0	4.0	3.0	2.0	1.0	0
L/min.	103	83	66.6	50	33	16.6	0
H(M)	0	28	56	76	94	103	116

Model	A/D-4SPW/N3-8 88M-7.2m³/h-450V-1800W					Pump DIM	4”	Pump outlet	1.25”
m³/h	7.2	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	120	116	100	83	66.6	50	33	16.6	0
H(M)	0	10	33	52	64	71	75	81	88

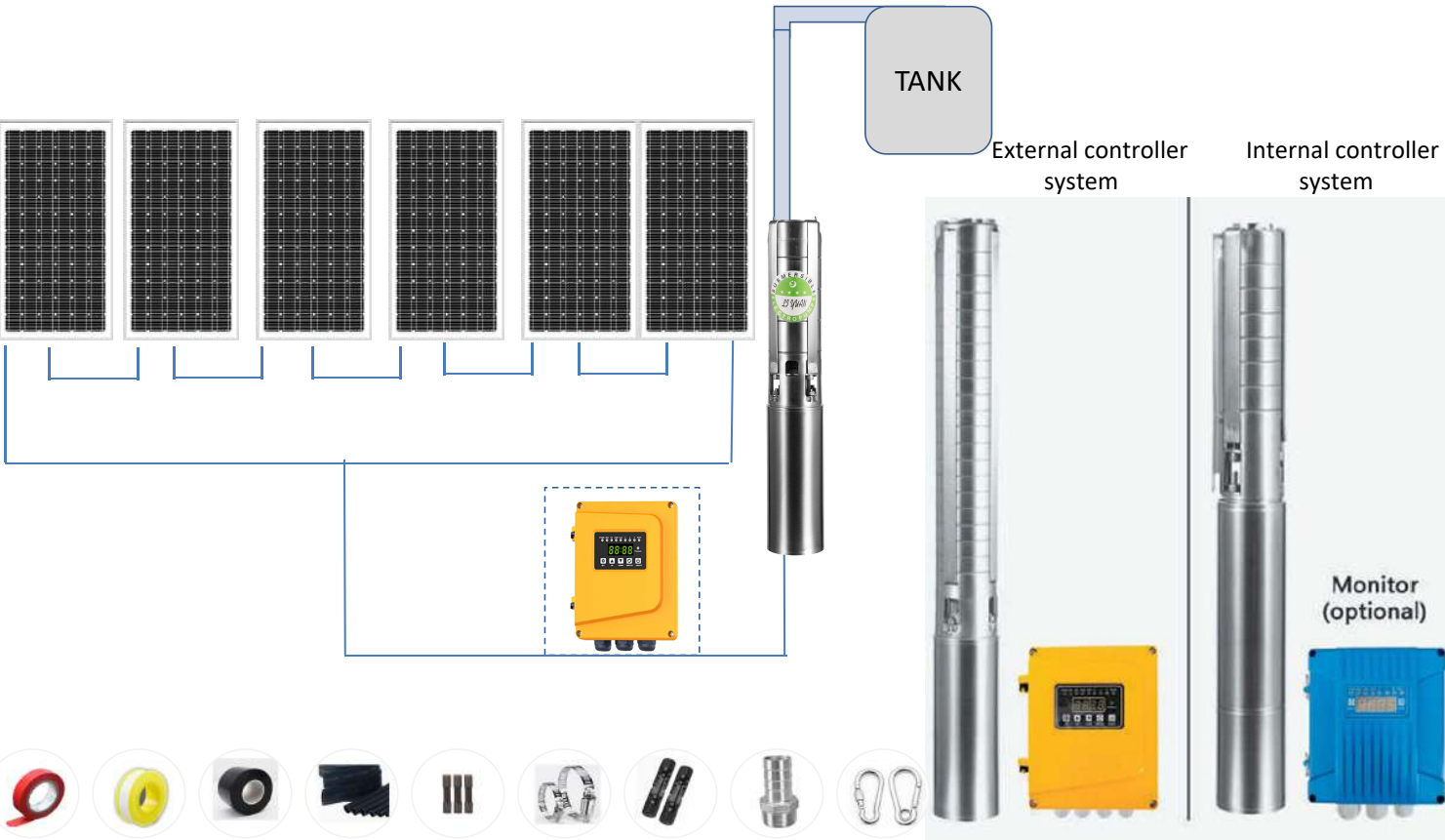
Model	A/D-4SPW/N5-8 92M-9.4m³/h-450V-1800W					Pump DIM		4”	Pump outlet		1.5”
m³/h	9.4	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	156	150	133	116	100	83	66.6	50	33	16.6	0
H(M)	0	3	17	28	36	43	54	70	80	87	92

Model	A/D-4SPW/N8-4 45M-16.0m³/h-450V-1800W					Pump DIM		4”	Pump outlet		1.5”
m³/h	16.0	15.0	12.0	10.0	8.0	6.0	3.0	0			
L/min.	266	250	200	166	133	100	50	0			
H(M)	0	5	16	21	27	35	42	45			

2200W



Motor	DIM &Power	4” / 2200w
	Voltage	AC:150-240V DC: 60-450V Best: 220-300V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”/6”
	Pump outlet	1.25”/ 1.5” / 2” / 3”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*6 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	A/D-4SPW/N2-13 130M-5.5m³/h-450V-2200W			Pump DIM	4”	Pump outlet	1.25”
m³/h	5.5	5.0	4.0	3.0	2.0	1.0	0
L/min.	92	83	66.6	50	33	16.6	0
H(M)	0	30	62	90	108	117	130

Model	A/D-4SPW/N3-11 114M-7.2m³/h-450V-2200W					Pump DIM	4”	Pump outlet	1.25”
m³/h	7.2	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	120	116	100	83	66.6	50	33	16.6	0
H(M)	0	10	37	60	77	89	97	106	114

Model	A/D-4SPW/N5-10 112M-9.7m³/h-450V-2200W					Pump DIM		4”	Pump outlet		1.5”
m³/h	9.7	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	161	150	133	116	100	83	66.6	50	33	16.6	0
H(M)	0	13	25	33	46	59	72	91	97	106	116

Model	A/D-4SPW/N8-5 57M-16.6m³/h-450V-2200W					Pump DIM		4”	Pump outlet		2”
m³/h	16.6	15.0	12.0	10.0		8.0		6.0	3.0		0
L/min.	276	250	200	166		133		100	50		0
H(M)	0	10	23	30		39		46	54		57

Model	A/D-4SPW/N14-2 24M-27.0m³/h-450V-2200W						Pump DIM		4”	Pump outlet		2”
m³/h	27.0	24.0	21.0	18.0	14.0	12.0	9.0	6.0	3.0		0	
L/min.	450	400	350	300	233	200	150	100	50		0	
H(M)	0	7	12	15	17	19	21	22	23		24	

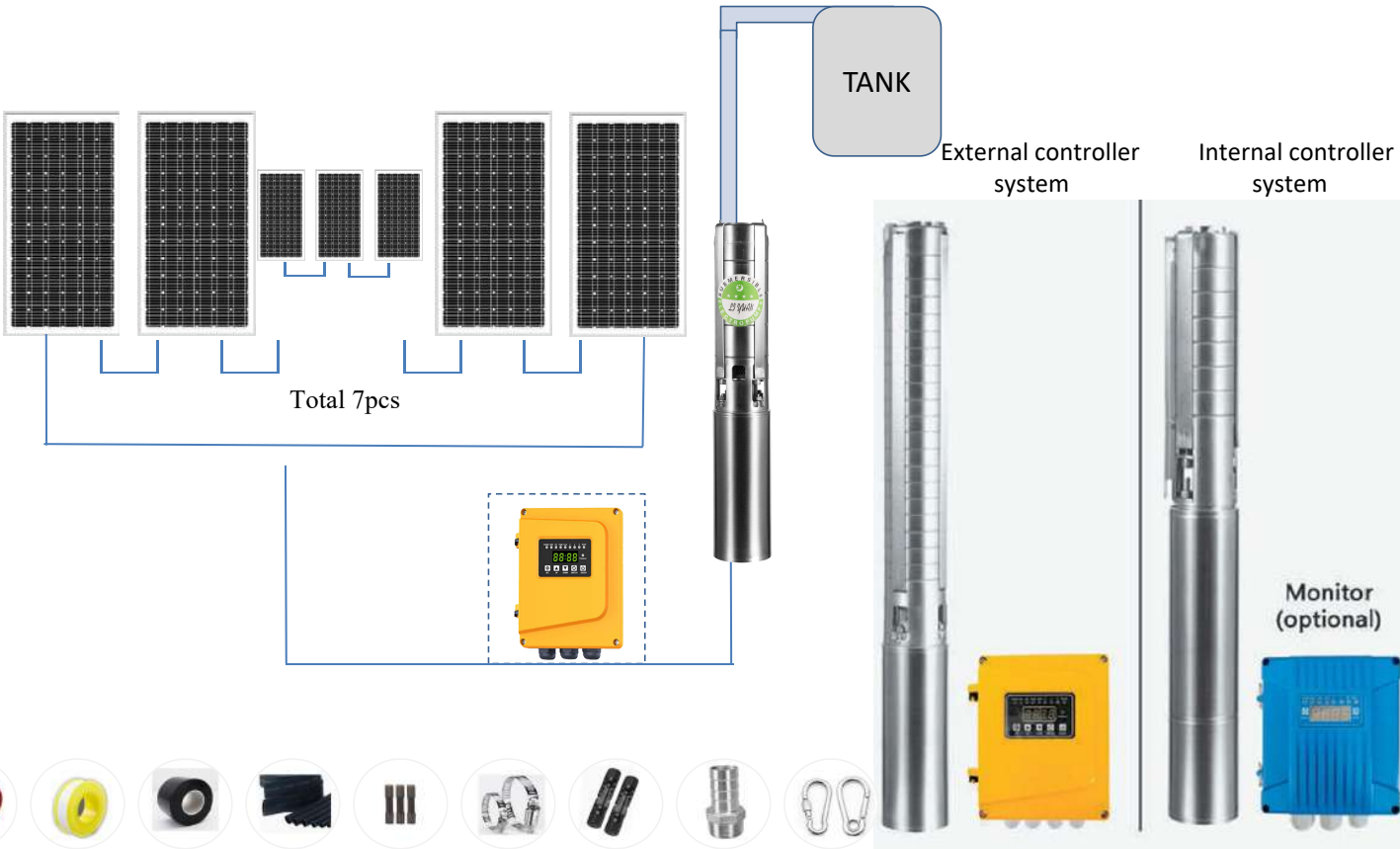
Model	A/D-6SPW/N17-1 21M-41.3m³/h-450V-2200W				Pump DIM		6”	Pump outlet		3”
m³/h	40.0	35.1	30.0		25.0		15.0	10.0		0
L/min.	666	583	500		416		250	166		0
H(M)	1	7	12		15		19	20		21

Model	A/D6SPW/N20-1 22M-43.1m³/h-450V-2200W				Pump DIM		6”	Pump outlet		3”
m³/h	43.1	40.0	35.1	30.0	25.0		15.0	10.0		0
L/min.	716	666	583	500	416		250	166		0
H(M)	0	4	8	11	15		19	21		22

2500W



Motor	DIM &Power	4” / 2500w
	Voltage	AC:150-240V DC60-450V Best: 300-380V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”/5”
	Pump outlet	1.25”/ 1.5” / 2” / 2.5”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*7 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing



Model	A/D-4SPW/N2-16 158M-5.8m³/h-450V-2500W			Pump DIM	4”	Pump outlet	1.25”
m³/h	5.8	5.0	4.0	3.0	2.0	1.0	0
L/min.	96	83	66.6	50	33	16.6	0
H(M)	0	49	83	112	133	146	158

Model	A/D-4SPW/N3-13 146M-7.2m³/h-450V-2500W					Pump DIM	4”	Pump outlet	1.25”
m³/h	7.2	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	120	116	100	83	66.6	50	33	16.6	0
H(M)	0	12	60	87	104	116	125	135	146

Model	A/D-4SPW/N5-12 134M-10.3m³/h-450V-2500W					Pump DIM		4”	Pump outlet		1.5”
m³/h	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	166	150	133	116	100	83	66.6	50	33	16.6	0
H(M)	2	31	44	60	71	82	100	112	120	127	134

Model	A/D-4SPW/N8-7 78M-16.9m³/h-450V-2500W					Pump DIM		4”	Pump outlet		2”
m³/h	16.9	15.0	12.0	10.0		8.0		6.0	3.0		0
L/min.	281	250	200	166		133		100	50		0
H(M)	0	12	28	39		52		61	74		78

Model	A/D-4SPW/N14-3 34M-27.3m³/h-450V-2500W						Pump DIM		4”	Pump outlet		2”
m³/h	27.0	24.0	21.0	18.0	14.0	12.0	9.0	6.0	3.0		0	
L/min.	450	400	350	300	233	200	150	100	50		0	
H(M)	1	11	19	21	26	29	31	32	33		34	

Model	A/D-5SPW/N20-1 21M-42.9m³/h-450V-2500W		Pump DIM	5”	Pump outlet	2.5”
m³/h	42.9	40.0	30.0	20.0	10.0	0
L/min.	712	666	500	333	166	0
H(M)	0	1	11	17	20	21

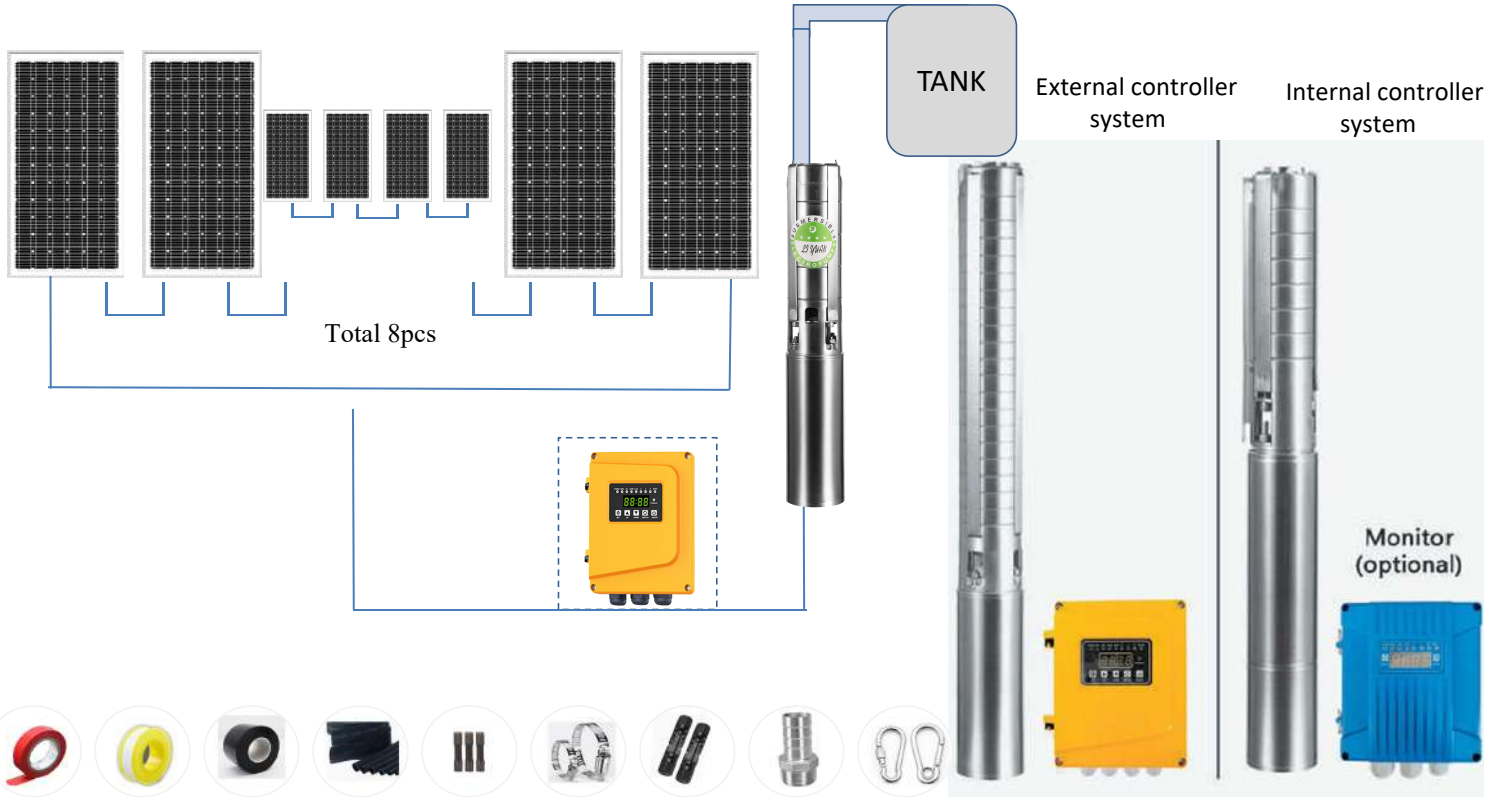
Model	A/D-5SPW/N25-1 18M-49.6m³/h-450V-2500W		Pump DIM	5”	Pump outlet	2.5”
m³/h	49.6	40.0	30.0	20.0	10.0	0
L/min.	824	666	500	333	166	0
H(M)	0	6	13	16	17	18

3000W



Motor	DIM &Power	4” / 3000w
	Voltage	AC:150-240V DC: 60-450V Best: 300-380V
	Type	Water cooled SS304 Permanent-magnet BLDC high efficiency motor
Pump	Pump DIM	4”/5”/6”
	Pump outlet	1.25”/ 1.5” / 2” / 2.5”/3”
	Impeller	SS304
	Casing	SS304
MTTP Controller	External	Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control
	Internal	Protection function Liquid level control requires optional monitor
Solar panel proposal		410W*8 PCS
Accessories		Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing

Model	A/D-4SPW/N2-18 184M-5.7m³/h-450V-3000W			Pump DIM	4”	Pump outlet	1.25”
m³/h	5.7	5.0	4.0	3.0	2.0	1.0	0
L/min.	95	83	66.6	50	33	16.6	0
H(M)	0	51	98	130	150	167	184



Model	A/D-4SPW/N3-18 191M-7.0m³/h-450V-3000W				Pump DIM	4”	Pump outlet	1.25”
m³/h	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	116	100	83	66.6	50	33	16.6	0
H(M)	0	50	81	112	144	165	177	191

Model	A/D-4SPW/N5-15 170M-9.7m³/h-450V-3000W					Pump DIM		4”	Pump outlet		1.5”
m³/h	9.7	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0
L/min.	161	150	133	116	100	83	66.6	50	33	16.6	0
H(M)	0	22	35	50	65	80	99	121	151	163	170

Model	A/D-4SPW/N8-8 88M-15.7m³/h-450V-3000W				Pump DIM	4”	Pump outlet	2”
m³/h	15.7	15.0	12.0	10.0	8.0	6.0	3.0	0
L/min.	261	250	200	166	133	100	50	0
H(M)	0	9	30	41	56	66	84	88

Model	A/D-4SPW/N14-4 48M-24.3m³/h-450V-3000W					Pump DIM	4”	Pump outlet	2”
m³/h	24.0	21.0	18.0	14.0	12.0	9.0	6.0	3.0	0
L/min.	400	350	300	233	200	150	100	50	0
H(M)	1	10	20	30	36	41	44	47	48

Model	A/D-5SPW/N20-2 42M-40.0m³/h-450V-3000W				Pump DIM	5”	Pump outlet	2.5”
m³/h	/		40.0		30.0	20.0	10.0	0
L/min.	/		666		500	333	166	0
H(M)	/		0		13	25	40	42

Model	A/D-5SPW/N25-2 38M-45.0m³/h-450V-3000W				Pump DIM	5”	Pump outlet	2.5”
m³/h	45.0		40.0		30.0	20.0	10.0	0
L/min.	747		666		500	333	166	0
H(M)	0		1		9	16	26	38

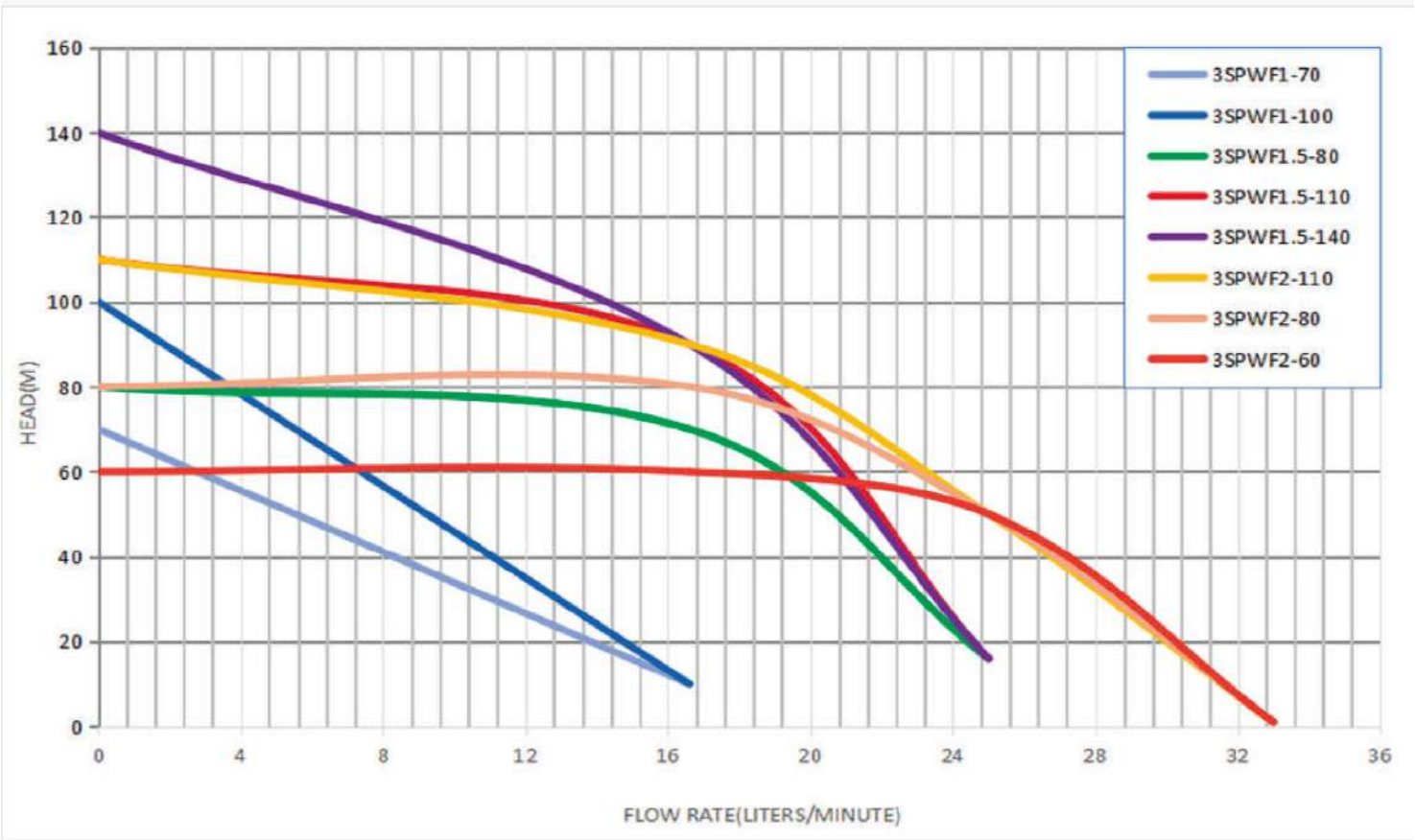
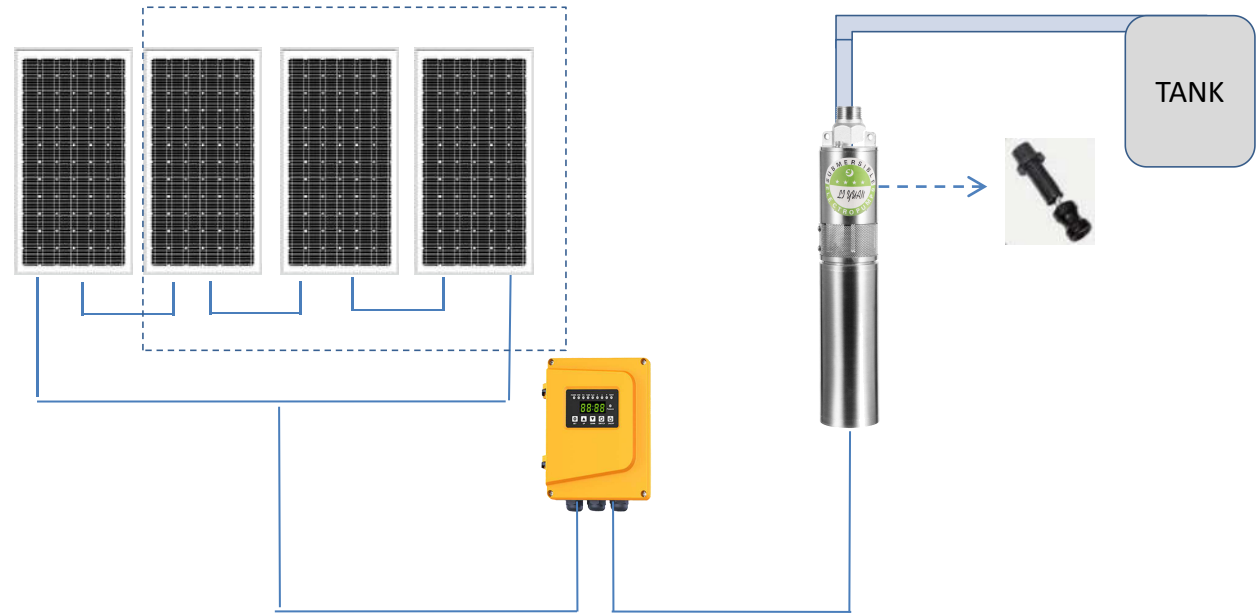
Model	A/D-6SPW/N17-2 40M-39.0m³/h-450V-3000W			Pump DIM	6”	Pump outlet	3”
m³/h	39.0	35.1	30.0	25.0	15.0	10.0	0
L/min.	647	583	500	416	250	166	0
H(M)	0	10	15	20	32	36	39

Model	A/D-6SPW/N20-2 44M-40.7m³/h-450V-3000W				Pump DIM	6”	Pump outlet	3”
m³/h	40.7	40.0	35.1	30.0	25.0	15.0	10.0	0
L/min.	676	666	583	500	416	250	166	0
H(M)	0	1	7	13	17	27	34	44

600-1200W



Motor	DIM &Power		3” -- /600w / 1000w /1200w	
	Voltage	/	AC	DC
		600W	150-240V	60-450V Best: 60-76V
		1000W		60-450V Best: 90-110V
		1200W		60-450V Best: 96-130V
	Type		Water cooled SS304 Permanent-magnet BLDC high efficiency motor	
Pump	Pump DIM		3”	
	Pump outlet		0.75”	
	Impeller		screw	
	Casing		SS304	
MTTP Controller	External		Protection function: Hybrid controller Dry-running ,Reverse ,Over-load ,Over-voltage ,Low-voltage Over-current, Over-power ,Lost phase, Liquid level control	
Solar panel proposal	600W		410W*2 PCS	
	1000W		410W*3 PCS	
	1200W		410W*4 PCS	
Accessories	Waterproof tape, electrical tape, self-adhesive tape, rope buckle, clamp, water outlet, terminal block, MC4 connector, heat shrink tubing			



m³/h	0	1	1.5	2
L/min.	0	16.6	25	33
Model	HEAD(M)			
A/D-3SPWF1-100 100M-1.0m³/h-96V-600W	100	10	/	/
A/D-3SPWF1.5-80 80M-1.5m³/h-96V-600W	80	70	16	/
A/D-3SPWF2-60 60M-2.0m³/h-96V-600W	60	60	50	1
3SPWF1.5-110 110M-1.5m³/h-150V-1000W	110	90	16	/
A/D-3SPWF2-80 80M-2.0m³/h-150V-1000W	80	80	50	1
3SPWF1.5-140 140MA/D--1.5m³/h-180V-1200W	140	90	16	/
A/D-3SPWF2.0-110 110M-2.0m³/h-180V-1200W	110	90	50	1

