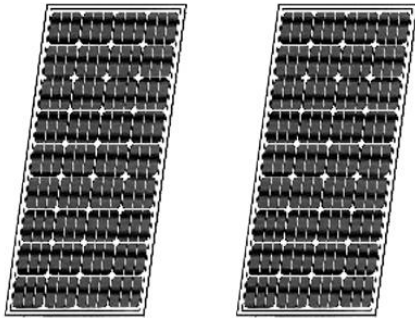


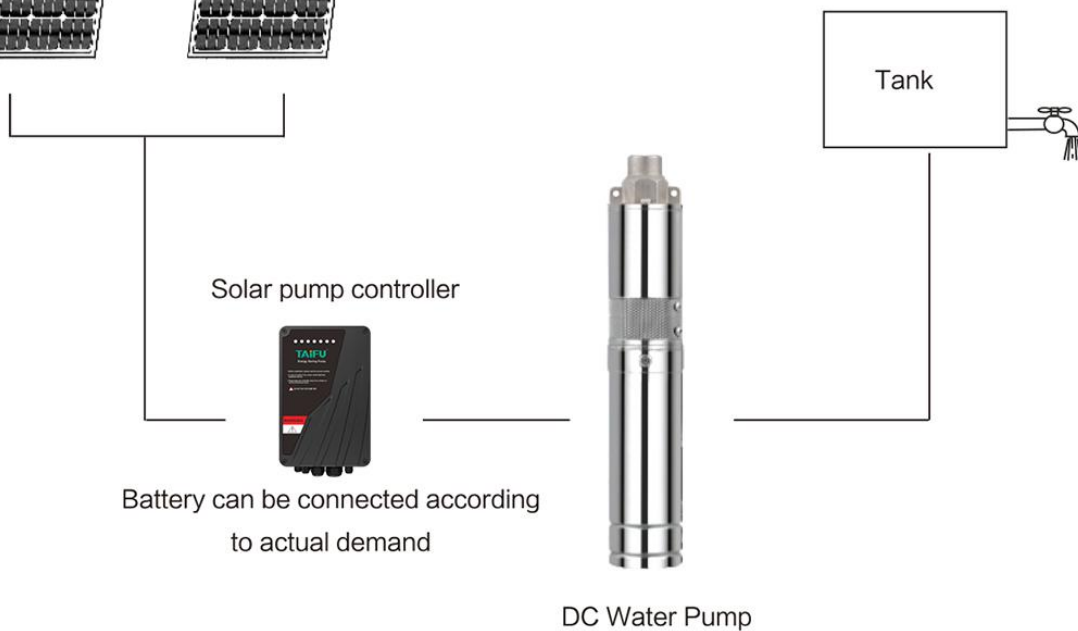
TAIFU

Solar panel

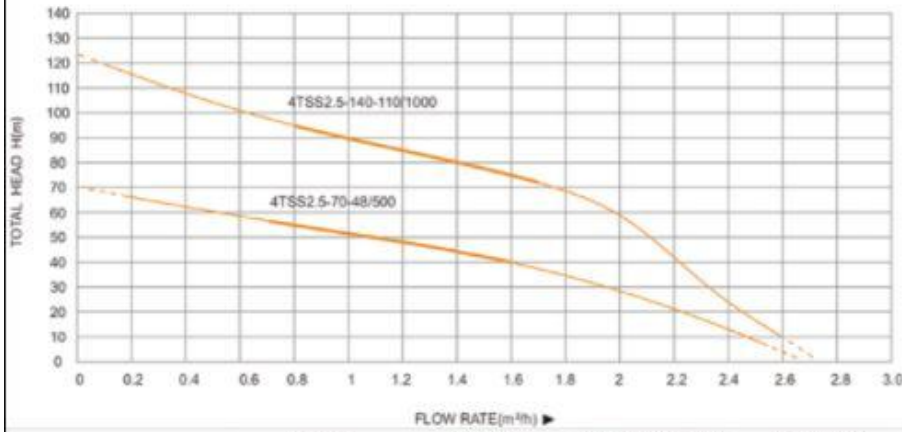
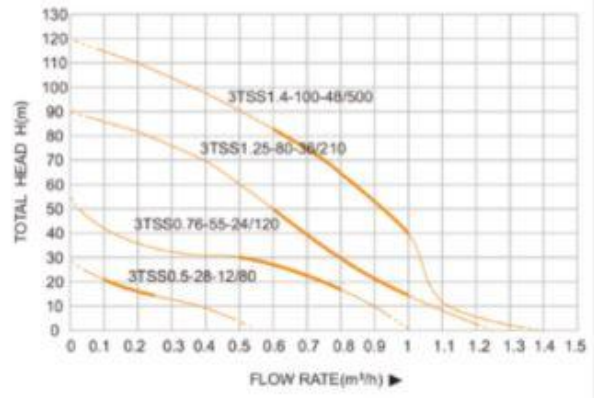
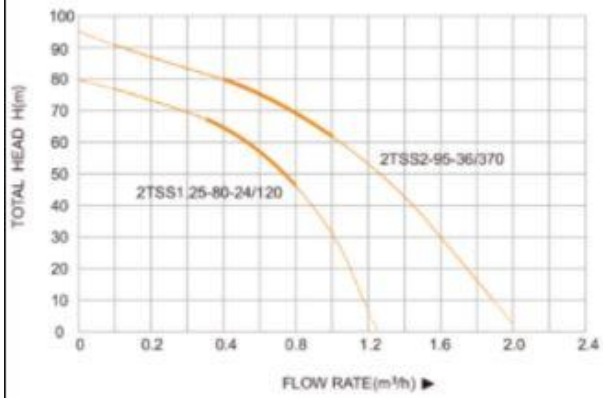


PRINCIPLE OF OPERATION

Solar panel collects sunligh → DC electricity energy →
Solar controller (rectification, stabilization, amplification, filtering)
→ Available DC
Electricity → (Charge the batteries) → Pumping water



DC Water Pump



Type	Voltage (v)	Power (w)	Max Flow Rate (m³/h)	Max Head (m)	Outlet Size (In)	Diameter (In)
2TSS1.25-80-24/250	24	250	1.25	80	1/2"	2"
2TSS2-95-36/370	36	370	2	95	1/2"	2"
3TSS0.5-28-12/80	12	80	0.5	28	3/4"	3"
3TSS0.76-55-24/120	24	120	0.76	55	3/4"	3"
3TSS1.25-80-36/210	36	210	1.25	90	3/4"	3"
3TSS1.4-100-48/500	48	500	1.4	120	3/4"	3"
4TSS2.5-70-48/500	48	500	2.5	70	1"	4"
4TSS2.5-140-110/1000	110	1000	2.5	125	1"	4"

Type	Q (m³/h)	0	0.2	0.4	0.8	1.2	1.6	2.0
2TSS1.25-80-24/250	H(m)	80	73	67	47	6		
	H(m)	95	88	80	68	55	30	4

Type	Q (m³/h)	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
3TSS0.5-28-12/80	H(m)	28	21	16	13	9	3						
		55	41	35	33	31	30	25	22	15	10	1	
		90	85	82	75	70	60	50	42	30	17	15	
		120	115	110	105	98	90	82	75	65	55	40	12

Type	Q (m³/h)	0	0.4	0.8	1.2	1.6	2	2.4	2.6
4TSS2.5-70-48/500	H(m)	70	62	55	48	40	28	12	4
	H(m)	125	108	95	85	75	58	24	8