

FTA-4-SPW5-20

- ✓ 20M Head 60 L/min @ 600W up to 162 L/min @ 5100W
- ✓ 100M Head 10 L/min @ 1200W up to 123 L/min @ 5100W
- ✓ 200M Head 11 L/min @ 2700W up to 36 L/min @ 5100W



CONTROLLER

- ✓ LED Display
- ✓ AC 150-240V & DC 60-450V
- ✓ High Efficiency MPPT

**Power
Factor
Correction**



PUMP END

- ✓ Multi-stage Centrifugal
- ✓ NEMA Splined Rotor
- ✓ POM 304SS Impellers

**1.5"
Outlet**



MOTOR

- ✓ Encapsulated Windings
- ✓ NEMA Splined Rotor
- ✓ Kingsbury Thrust Bearing

**4" 304SS
Water
Filled**



1300 454 420



info@waterborepump.com.au



fta-solar.com.au

Model Description

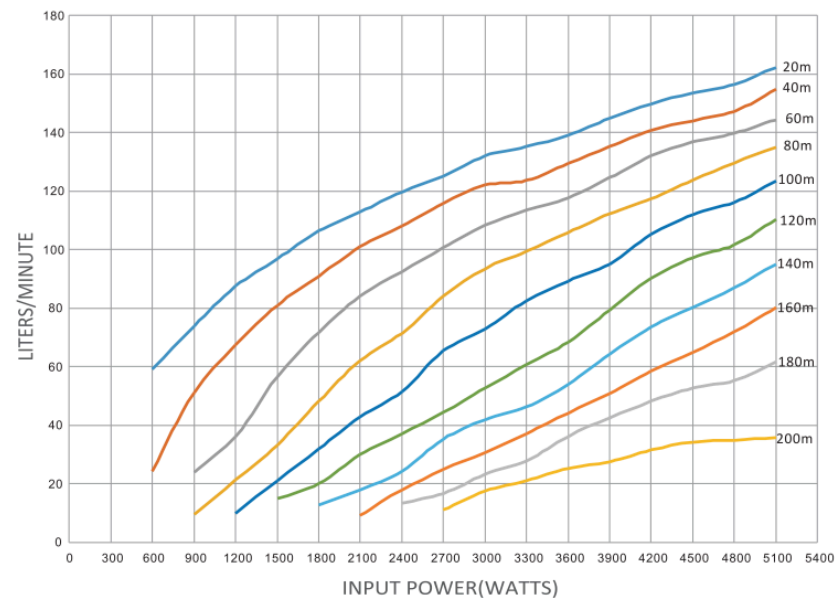
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Stages

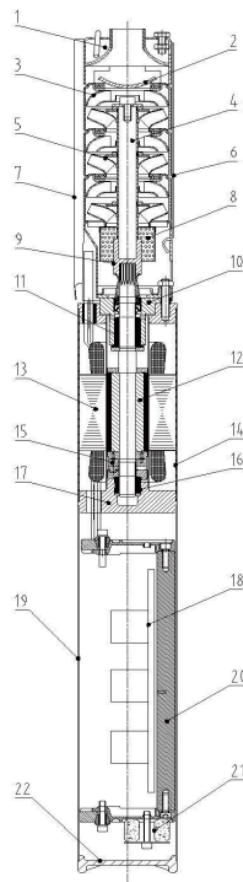
Rate Flow (m³/h)

Type range

Minimum suit boreholes (inch)



Components & Materials



Component	Material
Multi-stage Centrifugal	
1. Discharge chamber	Stainless steel 304
2. Non-return valve	Stainless steel 304
3. Guide vanes	PC/Stainless Steel 304
4. Pump shaft	Stainless Steel 304
5. Impeller	POM Stainless Steel 304
6. Impeller fastener	Stainless Steel 304
7. Cable cover	Stainless Steel 304
8. Inlet part	Stainless Steel 304
9. Shaft coupling Helical Rotor	Stainless Steel 304
10. Upper bearing housing	Stainless Steel 304
11. Upper Bearing	Silicon Carbide
12. PM Rotor	-
13. Stator	-
14. Pump Housing	Stainless Steel 304
15. Thrust Bearing	Graphite
16. Lower Bearing	Silicon Carbide
17. Lower Bearing Housing	Stainless Steel 304
18. Paba	-
19. Controller Housing	Stainless Steel 304
20. Radiator	Aluminium
21. Inductor	-
22. Base	Stainless Steel 304

Performance Data

Head (m)	Input Power (W)	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	4200	4500	4800	5100
20	Flow (l/m)	59	74	87	97	106	113	120	125	132	135	139	145	150	154	156	162
40		24	51	67	81	91	101	108	116	122	129	129	135	141	144	147	155
60			24	36	56	72	84	92	101	108	118	118	125	132	137	140	144
80			9	21	33	48	62	71	84	93	106	106	112	117	124	130	135
100				10	21	32	43	51	65	73	89	89	95	105	112	116	123
120					15	20	30	37	44	53	68	68	79	90	97	102	110
140						13	18	24	35	42	54	54	64	73	80	87	95
160							9	18	25	31	44	44	51	58	65	72	80
180								13	17	23	36	36	43	48	53	55	62
200									11	17	25	25	27	31	34	35	36

Flow Max.	Head Max.	DC Voltage Range	AC Voltage Range	Motor Frequency
179L/min	210m	60-380Vmp (60-440VOC)	150-240VAC	-
PV	Connection	Max. Input Power	Outlet Size	Motor Size
300Wx2x8	2 Way Parallel	5.1kW	1.5"	4"
Volume	Gross Weight	Net Weight	Pump Length	Pump Diameter
1.02m*0.16m*0.20m 0.42m*0.3m*0.25m	30.5KGS	25KGS	0.92m	4"