



**PERFORMANCE OF SHALLOW WELL (SURFACE) SOLAR PUMPS  
3 Ph, AT 415/220 V, 50 Hz, 2880 rpm**

Model	HP	Head in m	8	10	12	14	16	18	20	22	24	26	28	30	32	34
		Head in Ft	26	33	39	46	52	59	66	72	79	85	92	98	105	112
		P.Size (mm)	WATER OUTPUT LITRES/DAY *													
SAMT 0524 R/L	0.5	25 x 25			43230	42900	41910	39930	33330	23100	9900	25m				
SAMT 0514 R/L	0.5	40 x 40		88440	64020	30690	15m									
SAMT 1030 R/L	1	25 x 25				47850	47190	46530	45210	42900	37290	27390	15180	30m		
SAMT 1023 R/L	1	40 x 40		81840	76560	70950	64020	55440	42900	28050	23m					
SAMT 1012 R/L	1	50 x 50	133320	120450	102300	78210	15m									
SAMT 1530 R/L	1.5	40 x 32					86460	83820	79860	74910	68640	58740	45870	30m		
SAMT 1515 R/L	1.5	65 x 50	162169.2	148530.8	133320	118140	89638	59400	18.8m							
SAMT 2020 R/L	2	65 x 50		188760	177540	166320	149160	129360	88770	21m						
SAMT 2016 R/L	2	80 x 65	265650	258060	223080	176396.2	16m									
SAMT 2015 R/L	2	80 x 80	297000	254100	198000	133650	15m									
SAMT 3020 R	3	80 x 80	386100	366300	326700	287100	247500	198000	20m							
SAMT 3021 R	3	80 x 65	175061.5	168861.5	153369.2	138038.5	120838.5	91246	34085	21m						
SAMT 3035 R	3	50 x 40	151470	147510	144540	143550	136620	135630	133650	132660	131010	126443.1	115830	104280	101640	78870

- 1 \* Water output figures are on a clear sunny day , under the "Average Daily Solar Radiation" condition of 5.5 KWh/ sqm. on the surface of PV array (i.e. coplanar with the PV Modules). The water output will vary according to the site solar radiation.
- 2 Water hammering can be avoided by installing a NRV (Non-Return Valve) just above the delivery outlet of the pump
- 3 The pipe size mentioned in mm are nearest conversion of inches. Actual pipe threads are as per BSP Standard
- 4 In view of continuous developments, the information are subject to change without notice.



**CONFAB PUMPS**

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