



**SOLAR SUBMERSIBLE PUMP WITH WATER FILLED MOTOR
PERFORMANCE AT 415/220 V, 50 Hz, 2800 rpm**

RADIAL FLOW				BORE: 150mm				PIPE SIZE : 2" (50 mm)				
Type	WATER OUTPUT LITRES/DAY *											
	LPD	0	13200	19800	26400	33000	39600	46200	52800	59400	66000	72600
	HP	HEAD IN METRES										
SAS5T 0206 L	2.0	53.6	50.3	48.0	45.6	42.6	39.6	36.0	31.8	27.0	21.0	15.6
SAS5T 0308 R	3.0	71.4	67.0	64.0	60.8	56.8	52.8	48.0	42.4	36.0	28.0	20.8
SAS5T 0512 R	5.0	107.2	100.5	96.0	91.2	85.2	79.2	72.0	63.6	54.0	42.0	31.2
SAS5D 0820 R	7.5	178.6	167.5	160.0	152.0	142.0	132.0	120.0	106.0	90.0	70.0	52.0

150 mm SUBMERSIBLE PUMP				RADIAL FLOW				PIPE SIZE : 2" (50 mm)				
PERFORMANCE VALUES AT 415 V (-15% to +6%), 2800 rpm, 50 Hz, 3 Phase AC Power Supply												
Type	WATER OUTPUT LITRES/DAY *											
	LPD	0	26400	33000	39600	46200	52800	59400	66000	72600	79200	85800
	HP	HEAD IN METRES										
SAS6T 0204 L	2.0	37.6	35.2	33.6	32.4	30.4	28.4	26.0	23.6	21.2	18.4	15.2
SAS6T 0306 R	3.0	56.4	52.8	50.4	48.6	45.6	42.6	39.0	35.4	31.8	27.6	22.8
SAS6T 0510 R	5.0	94.0	88.0	84.0	81.0	76.0	71.0	65.0	59.0	53.0	46.0	38.0
SAS6D 0815 R	7.5	141.0	132.0	126.0	121.5	114.0	106.5	97.5	88.5	79.5	69.0	57.0
SAS6D 1020 R	10.0	188.0	176.0	168.0	162.0	152.0	142.0	130.0	118.0	106.0	92.0	76.0

- * Water output figures on a clear sunny day, under the "Average Daily Solar Radiation condition of 5.5KWh/sqm on the surface of P V Array (ie Co Planar with P V Modules). The water output will vary according to solar radiation.
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**SOLAR SUBMERSIBLE PUMP WITH WATER FILLED MOTOR
PERFORMANCE AT 415/220 V, 50 Hz, 2800 rpm**

RADIAL FLOW				BORE: 150mm					PIPE SIZE : 2" (50 mm)			
Type	WATER OUTPUT LITRES/DAY *											
	LPD	0	35640	43560	49500	53460	59400	65340	71280	77220	83160	89100
	HP	HEAD IN METRES										
SAS8T 0305 R	3.0	51.0	48.7	48.0	47.0	45.5	42.9	39.4	35.6	32.2	28.5	19.0
SAS8T 0508 R	5.0	81.6	77.8	76.8	75.2	72.8	68.6	63.0	57.0	51.5	45.6	30.4
SAS8D 0813 R	7.5	132.6	126.5	124.8	122.2	118.3	111.4	102.3	92.6	83.7	74.1	49.4
SAS8D 1218 R	10.0	183.6	175.1	172.8	169.2	163.8	154.3	141.7	128.2	115.9	102.6	68.4

Type	WATER OUTPUT LITRES/DAY *											
	LPD	0	59400	66000	72600	79200	85800	92400	99000	105600	112200	118800
	HP	HEAD IN METRES										
SAS10T 0506 R	5.0	60.0	55.0	52.5	50.3	48.0	45.0	42.0	39.0	34.8	30.0	24.6
SAS10D 0810 R	7.5	100.0	91.7	87.5	83.8	80.0	75.0	70.0	65.0	58.0	50.0	41.0
SAS10D 1012 R	10.0	120.0	110.0	105.0	100.5	96.0	90.0	84.0	78.0	69.6	60.0	49.2
SAS10D 1216 R	12.5	160.0	146.7	140.0	134.0	128.0	120.0	112.0	104.0	92.8	80.0	65.6
SAS10D 1518 R	15.0	180.0	165.0	157.5	150.8	144.0	135.0	126.0	117.0	104.4	90.0	73.8

Type	WATER OUTPUT LITRES/DAY *											
	LPD	0	72600	79200	85800	92400	99000	105600	112200	118800	125400	132000
	HP	HEAD IN METRES										
SAS12T 0505 R	5.0	52.5	47.0	46.0	44.0	42.0	40.0	37.0	35.0	33.0	29.0	26.0
SAS12D 0808 R	7.5	84.0	75.2	73.6	70.4	67.2	64.0	59.2	56.0	52.8	46.4	41.6
SAS12D 1010 R	10.0	105.0	94.0	92.0	88.0	84.0	80.0	74.0	70.0	66.0	58.0	52.0
SAS12D 1212 R	12.5	126.0	112.8	110.4	105.6	100.8	96.0	88.8	84.0	79.2	69.6	62.4
SAS12D 1515 R	15.0	157.5	141.0	138.0	132.0	126.0	120.0	111.0	105.0	99.0	87.0	78.0

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**SOLAR SUBMERSIBLE PUMP WITH WATER FILLED MOTOR
PERFORMANCE AT 415/220 V, 50 Hz, 2800 rpm**

MIXED FLOW		[]											
		BORE: 150mm						PIPE SIZE : 2.5" (65 mm)					
Type	WATER OUTPUT LITRES/DAY *												
	LPD	0	69300	79200	99000	118800	128700	148500	158400	168300	188100	207900	
		HEAD IN METRES											
SAS60T 0303 L	3.0	32.4	28.7	27.8	26.6	25.0	24.0	21.8	20.6	19.3	16.4	14.3	
SAS60T 0505 R	5.0	54.0	47.9	46.3	44.4	41.7	40.0	36.3	34.3	32.2	27.4	23.9	
SAS60D 0808 R	7.5	86.4	76.7	74.1	71.0	66.7	64.0	58.0	54.8	51.5	43.8	38.2	
SAS60D 1010 R	10.0	108.0	95.8	92.6	88.7	83.3	80.0	72.6	68.5	64.4	54.8	47.7	
SAS60D 1212 R	12.5	129.6	115.0	111.1	106.5	100.0	96.0	87.1	82.2	77.3	65.7	57.2	
SAS60D 1515 R	15.0	162.0	143.7	138.9	133.1	125.0	120.0	108.8	102.8	96.6	82.2	71.6	
SAS60D 1818 R	17.5	194.4	172.5	166.7	159.7	150.0	144.0	130.6	123.3	116.0	98.6	85.9	

MIXED FLOW		[]											
		BORE: 150mm						PIPE SIZE : 2.5" (65 mm)					
Type	WATER OUTPUT LITRES/DAY *												
	LPD	0	99000	138600	148500	158400	168300	188100	207900	227700	237600	247500	
		HEAD IN METRES											
SAS61T 0504 R	5.0	43.9	38.3	37.0	35.5	33.3	31.2	29.6	26.4	22.4	20.9	17.9	
SAS61T 0605 R	6.0	54.9	47.9	46.3	44.4	41.7	39.0	37.1	33.0	28.0	26.1	22.4	
SAS61D 0806 R	7.5	65.8	57.5	55.6	53.2	50.0	46.8	44.5	39.6	33.5	31.3	26.9	
SAS61D 1008 R	10.0	87.8	76.7	74.1	71.0	66.7	62.4	59.3	52.8	44.7	41.8	35.8	
SAS61D 1210 R	12.5	109.7	95.8	92.6	88.7	83.3	78.0	74.1	66.0	55.9	52.2	44.8	
SAS61D 1512 R	15.0	131.6	115.0	111.1	106.5	100.0	93.6	88.9	79.2	67.1	62.6	53.8	
SAS61D 1814 R	17.5	153.6	134.2	129.6	124.2	116.7	109.2	103.7	92.4	78.3	73.1	62.7	
SAS61D 2015 R	20.0	164.6	143.7	138.9	133.1	125.0	117.0	111.2	99.0	83.9	78.3	67.2	

MIXED FLOW		[]											
		BORE: 150mm						PIPE SIZE : 2.5" (65 mm)					
Type	WATER OUTPUT LITRES/DAY *												
	LPD	0	128700	178200	188100	198000	207900	227700	247500	267300	277200	306900	
		HEAD IN METRES											
SAS62T 0503 R	5.0	35.5	30.0	25.9	25.0	24.1	23.1	21.2	19.1	17.1	16.2	13.6	
SAS62D 0604 R	6.0	47.3	40.0	34.6	33.3	32.1	30.8	28.2	25.4	22.8	21.6	18.1	
SAS62D 0805 R	7.5	59.2	50.1	43.2	41.6	40.1	38.5	35.3	31.8	28.5	27.0	22.6	
SAS62D 1006 R	10.0	71.0	60.1	51.9	49.9	48.1	46.2	42.3	38.1	34.2	32.4	27.1	
SAS62D 1208 R	12.5	94.6	80.1	69.2	66.5	64.2	61.6	56.5	50.8	45.6	43.2	36.2	
SAS62D 1510 R	15.0	118.3	100.1	86.5	83.2	80.2	77.0	70.6	63.5	57.0	54.0	45.2	
SAS62D 2013 R	17.5	153.8	130.1	112.4	108.1	104.2	100.1	91.8	82.6	74.1	70.3	58.8	
SAS62D 2516 R	20.0	189.3	160.2	138.3	133.1	128.3	123.2	112.9	101.6	91.2	86.5	72.3	

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**SOLAR SUBMERSIBLE PUMP WITH WATER FILLED MOTOR
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MIXED FLOW		BORE: 150mm											PIPE SIZE : 3" (80 mm)	
Type	WATER OUTPUT LITRES/DAY *													
	LPD	0	158400	188100	198000	207900	227700	247500	277200	306900	326700	346500		
	HP	HEAD IN METRES												
SAS63D 0603 R	6.0	34.9	27.8	25.9	25.3	24.6	22.8	21.7	19.2	16.5	14.4	12.0		
SAS63D 0804 R	7.5	46.6	37.1	34.6	33.7	32.8	30.4	29.0	25.5	22.0	19.2	16.0		
SAS63D 1005 R	10.0	58.2	46.4	43.2	42.2	41.0	38.0	36.2	31.9	27.5	24.0	20.0		
SAS63D 1206 R	12.5	69.9	55.7	51.9	50.6	49.1	45.6	43.5	38.3	33.0	28.8	24.0		
SAS63D 1508 R	15.0	93.2	74.2	69.2	67.4	65.5	60.8	57.9	51.1	44.0	38.4	32.0		
SAS63D 2010 R	20.0	116.5	92.8	86.5	84.3	81.9	76.0	72.4	63.9	55.0	48.0	40.0		
SAS63D 2513 R	25.0	151.4	120.7	112.4	109.6	106.5	98.8	94.2	83.0	71.5	62.4	51.9		

MIXED FLOW		BORE: 150mm											PIPE SIZE : 3" (80 mm)	
Type	WATER OUTPUT LITRES/DAY *													
	LPD	0	168300	198000	207900	227700	247500	267300	297000	326700	346500	366300		
	HP	HEAD IN METRES												
SAS64D 0803 R	7.5	35.0	28.1	25.6	25.0	23.9	22.5	21.3	19.4	17.0	15.3	13.5		
SAS64D 1004 R	10.0	46.6	37.4	34.1	33.4	31.9	30.0	28.4	25.8	22.6	20.4	18.0		
SAS64D 1205 R	12.5	58.3	46.8	42.6	41.7	39.9	37.5	35.5	32.3	28.3	25.5	22.5		
SAS64D 1506 R	15.0	70.0	56.1	51.2	50.1	47.9	45.0	42.5	38.7	33.9	30.6	27.0		
SAS64D 2008 R	20.0	93.3	74.8	68.2	66.8	63.8	60.0	56.7	51.6	45.2	40.8	36.0		
SAS64D 2510 R	25.0	116.6	93.5	85.3	83.5	79.8	75.0	70.9	64.5	56.5	51.0	45.0		

MIXED FLOW		BORE: 150mm											PIPE SIZE : 4" (100 mm)	
Type	WATER OUTPUT LITRES/DAY *													
	LPD	0	198000	267300	277200	297000	306900	326700	346500	366300	405900	445500		
	HP	HEAD IN METRES												
AS65 0502	5.0	23.3	17.3	14.8	14.4	13.5	13.0	12.0	10.9	9.7	7.1	4.2		
AS65 0803	7.5	35.0	25.9	22.2	21.6	20.2	19.5	18.1	16.4	14.6	10.7	6.4		
AS65 1004	10.0	46.6	34.6	29.6	28.8	27.0	26.0	24.1	21.8	19.4	14.2	8.5		
AS65 1205	12.5	58.3	43.2	37.1	36.0	33.7	32.5	30.1	27.3	24.3	17.8	10.6		
AS65 1506	15.0	70.0	51.9	44.5	43.2	40.4	39.0	36.1	32.7	29.2	21.4	12.7		
AS65 2008	20.0	93.3	69.1	59.3	57.6	53.9	52.0	48.2	43.6	38.9	28.5	17.0		
AS65 2510	25.0	116.6	86.4	74.1	72.0	67.4	65.0	60.2	54.6	48.6	35.6	21.2		

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