

AC1 and AC2 Solar pump and panel combinations / Bore Pumps

AC1 solar controller and pump	Head Pressure Meters	Head Pressure Feet	Litres / Hr - 4SP5/8	Gallons / Hr	Litres / Hr - 4SP2	Gallons / Hr	With ABP fixed stand/ Daily output Gallons	With ABP Tracker / Gallons per Day
AC1 - 2HP - 6 panels - 1962W	50	164	6000.0	1318.7			7912	11077
Sunpower 327W Solar Panels	70	230	5500.0	1208.8			7253	10154
AC in-put 230 / 240v AC single phase	90	295			3300.0	725.3	4352	6092
Generator / Grid	110	361			3000.0	659.3	3956	5538
Maximum for Blue stripe poly	130	427			2400.0	527.5	3165	4431
Max pump head =204M / 669Ft								
AC1 - 3HP - 12 panels - 3924W	50	164	10200.0	2241.8			13451	18831
Sunpower 327W Solar Panels	70	230	6600.0	1450.5			8703	12185
AC in-put 230 / 240v AC single phase	90	295	5500.0	1208.8			7253	10154
Generator / Grid	110	361	4800.0	1054.9			6330	8862
Maximum for Blue stripe poly	130	427	3600.0	791.2			4747	6646
	150	492			3000.0	659.3	3956	5538
	170	558			2760.0	606.6	3640	5095
	190	623			2400.0	527.5	3165	4431
Max pump head =298M / 978Ft	210	689			1900.0	417.6	2505	3508
AC2 - 4HP - 12 panels - 4320W	50	164	12000.0	2637.4			15824	22154
Sunpower 360W Solar Panels	70	230	9800.0	2153.8			12923	18092
AC in-put 400 / 415v AC Three phase	90	295	6800.0	1494.5			8967	12554
Generator / Grid	110	361	5800.0	1274.7			7648	10708
Maximum for Blue stripe poly	130	427	5200.0	1142.9			6857	9600
	150	492	4300.0	945.1			5670	7938
	170	558			3400.0	747.3	4484	6277
	190	623			3000.0	659.3	3956	5538
	210	689			2600.0	571.4	3429	4800
Max pump head =341M / 1119Ft	230	755			2200.0	483.5	2901	4062

Larger Solar Pump and Panel combinations on request.