

AC1 and AC2 Solar pump and panel combinations / Transfer and constant pressure irrigation Pumps

AC1 solar controller and pump	Head Pressure Meters	Head Pressure Feet	Litres / Hr - ABP3/4	Gallons / Hr	With ABP fixed stand/ Daily output Gallons	With ABP Tracker / Gallons per Day
AC1 - 2HP - 6 panels - 1962W	40	131	7000.0	1538.5	9231	12923
Sunpower 327W Solar Panels	50	164	6000.0	1318.7	7912	11077
AC in-put 230 / 240v AC single phase	70	230	3600.0	791.2	4747	6646
Maximum for Green stripe poly	90	295	3000.0	659.3	3956	5538
Max pump head =120M / 394 Ft	110	361	2000.0	439.6	2637	3692
AC1 - 3HP - 12 panels - 3924W	40	131	12000.0	2637.4	15824	22154
Sunpower 327W Solar Panels	50	164	9000.0	1978.0	11868	16615
	70	230	6400.0	1406.6	8440	11815
AC in-put 230 / 240v AC single phase Generator / Grid	90	295	4000.0	879.1	5275	7385
	110	361	3600.0	791.2	4747	6646
Maximum for Blue stripe poly	130	427	3000.0	659.3	3956	5538
Max pump head =175M / 574 Ft						
AC2 - 4HP - 12 panels - 4320W	40	131	15000.0	3296.7	19780	27692
Sunpower 360W Solar Panels	50	164	12000.0	2637.4	15824	22154
AC in-put 400 / 415v AC Three phase Generator / Grid	70	230	8000.0	1758.2	10549	14769
	90	295	6700.0	1472.5	8835	12369
	110	361	4000.0	879.1	5275	7385
Maximum for Blue stripe poly	130	427	3700.0	813.2	4879	6831
Max pump head =218M / 715Ft						

Larger Solar Pump and Panel combinations on request.