

Solartech 0.37-55kW AC Solar Pump Model List

Model	Pump Spec.	Pump Power	Water Head	Daily Water Flow	Outlet Dia.	Adapting Well Dia.	Recommended Open Circuit Voltage	Recommended MPP Voltage
SPA4370010	3PH 220V 50Hz	0.37kW	47m - 32m	1m ³ - 10m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA4370010-2	3PH 220V 50Hz	0.37kW	47m - 32m	1m ³ - 10m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA4370020	3PH 220V 50Hz	0.37kW	29m - 20m	10m ³ - 20m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA4370020-2	3PH 220V 50Hz	0.37kW	29m - 20m	10m ³ - 20m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA4550010	3PH 220V 50Hz	0.55kW	70m - 48m	1m ³ - 10m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA4550010-2	3PH 220V 50Hz	0.55kW	70m - 48m	1m ³ - 10m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA4550020	3PH 220V 50Hz	0.55kW	40m - 28m	10m ³ - 20m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA4550020-2	3PH 220V 50Hz	0.55kW	40m - 28m	10m ³ - 20m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA4550040	3PH 220V 50Hz	0.55kW	23m - 15m	20m ³ - 40m ³	40mm 1"1/2	100mm	350-450VDC	280-350VDC
SPA4550040-2	3PH 220V 50Hz	0.55kW	23m - 15m	20m ³ - 40m ³	40mm 1"1/2	100mm	185-450VDC	150-350VDC
SPA4750010	3PH 220V 50Hz	0.75kW	81m - 56m	1m ³ - 10m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA4750010-2	3PH 220V 50Hz	0.75kW	81m - 56m	1m ³ - 10m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA4750020	3PH 220V 50Hz	0.75kW	60m - 41m	10m ³ - 20m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA4750020-2	3PH 220V 50Hz	0.75kW	60m - 41m	10m ³ - 20m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA4750040	3PH 220V 50Hz	0.75kW	29m - 19m	20m ³ - 40m ³	40mm 1"1/2	100mm	350-450VDC	280-350VDC
SPA4750040-2	3PH 220V 50Hz	0.75kW	29m - 19m	20m ³ - 40m ³	40mm 1"1/2	100mm	185-450VDC	150-350VDC
SPA4750060	3PH 220V 50Hz	0.75kW	15m - 8m	40m ³ - 60m ³	50mm 2"	100mm	350-450VDC	280-350VDC
SPA4750060-2	3PH 220V 50Hz	0.75kW	15m - 8m	40m ³ - 60m ³	50mm 2"	100mm	185-450VDC	150-350VDC
SPA4750100	3PH 220V 50Hz	0.75kW	7m - 6m	60m ³ - 100m ³	50mm 2"	100mm	350-450VDC	280-350VDC
SPA4750100-2	3PH 220V 50Hz	0.75kW	7m - 6m	60m ³ - 100m ³	50mm 2"	100mm	185-450VDC	150-350VDC
SPA41K1010	3PH 220V 50Hz	1.1kW	93m - 63m	1m ³ - 10m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA41K1010-2	3PH 220V 50Hz	1.1kW	93m - 63m	1m ³ - 10m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA41K1020	3PH 220V 50Hz	1.1kW	79m - 54m	10m ³ - 20m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA41K1020-2	3PH 220V 50Hz	1.1kW	79m - 54m	10m ³ - 20m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA41K1040	3PH 220V 50Hz	1.1kW	43m - 27m	20m ³ - 40m ³	40mm 1"1/2	100mm	350-450VDC	280-350VDC
SPA41K1040-2	3PH 220V 50Hz	1.1kW	43m - 27m	20m ³ - 40m ³	40mm 1"1/2	100mm	185-450VDC	150-350VDC
SPA41K1060	3PH 220V 50Hz	1.1kW	23m - 12m	40m ³ - 60m ³	50mm 2"	100mm	350-450VDC	280-350VDC
SPA41K1060-2	3PH 220V 50Hz	1.1kW	23m - 12m	40m ³ - 60m ³	50mm 2"	100mm	185-450VDC	150-350VDC
SPA41K1100	3PH 220V 50Hz	1.1kW	12m - 8m	60m ³ - 100m ³	50mm 2"	100mm	350-450VDC	280-350VDC
SPA41K1100-2	3PH 220V 50Hz	1.1kW	12m - 8m	60m ³ - 100m ³	50mm 2"	100mm	185-450VDC	150-350VDC
SPA41K5010	3PH 220V 50Hz	1.5kW	128m - 87m	1m ³ - 10m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA41K5010-2	3PH 220V 50Hz	1.5kW	128m - 87m	1m ³ - 10m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA41K5020	3PH 220V 50Hz	1.5kW	99m - 68m	10m ³ - 20m ³	30mm 1"1/4	100mm	350-450VDC	280-350VDC
SPA41K5020-2	3PH 220V 50Hz	1.5kW	99m - 68m	10m ³ - 20m ³	30mm 1"1/4	100mm	185-450VDC	150-350VDC
SPA41K5040	3PH 220V 50Hz	1.5kW	51m - 33m	20m ³ - 40m ³	40mm 1"1/2	100mm	350-450VDC	280-350VDC
SPA41K5040-2	3PH 220V 50Hz	1.5kW	51m - 33m	20m ³ - 40m ³	40mm 1"1/2	100mm	185-450VDC	150-350VDC
SPA41K5041	3PH 220V 50Hz	1.5kW	60m - 39m	20m ³ - 40m ³	40mm 1"1/2	100mm	350-450VDC	280-350VDC
SPA41K5041-2	3PH 220V 50Hz	1.5kW	60m - 39m	20m ³ - 40m ³	40mm 1"1/2	100mm	185-450VDC	150-350VDC
SPA41K5060	3PH 220V 50Hz	1.5kW	29m - 15m	40m ³ - 60m ³	50mm 2"	100mm	350-450VDC	280-350VDC
SPA41K5060-2	3PH 220V 50Hz	1.5kW	29m - 15m	40m ³ - 60m ³	50mm 2"	100mm	185-450VDC	150-350VDC
SPA41K5130	3PH 220V 50Hz	1.5kW	10m - 7m	100m ³ - 130m ³	50mm 2"	100mm	350-450VDC	280-350VDC
SPA41K5130-2	3PH 220V 50Hz	1.5kW	10m - 7m	100m ³ - 130m ³	50mm 2"	100mm	185-450VDC	150-350VDC
SPA41K5100	3PH 220V 50Hz	1.5kW	20m - 12m	60m ³ - 100m ³	65mm 2"1/2	150mm	350-450VDC	280-350VDC
SPA41K5100-2	3PH 220V 50Hz	1.5kW	20m - 12m	60m ³ - 100m ³	65mm 2"1/2	150mm	185-450VDC	150-350VDC
SPA42K2010	3PH 380V 50Hz	2.2kW	163m - 111m	1m ³ - 10m ³	30mm 1"1/4	100mm	625-750VDC	500-600VDC
SPA42K2020	3PH 380V 50Hz	2.2kW	145m - 90m	10m ³ - 20m ³	30mm 1"1/4	100mm	625-750VDC	500-600VDC
SPA42K2040	3PH 380V 50Hz	2.2kW	79m - 51m	20m ³ - 40m ³	40mm 1"1/2	100mm	625-750VDC	500-600VDC
SPA42K2060	3PH 380V 50Hz	2.2kW	50m - 27m	40m ³ - 60m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA42K2130	3PH 380V 50Hz	2.2kW	17m - 12m	100m ³ - 130m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA42K2100	3PH 380V 50Hz	2.2kW	30m - 18m	60m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA43K0020	3PH 380V 50Hz	3kW	187m - 114m	10m ³ - 20m ³	30mm 1"1/4	100mm	625-750VDC	500-600VDC
SPA43K0040	3PH 380V 50Hz	3kW	105m - 65m	20m ³ - 40m ³	40mm 1"1/2	100mm	625-750VDC	500-600VDC
SPA43K0060	3PH 380V 50Hz	3kW	67m - 37m	40m ³ - 60m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA43K0061	3PH 380V 50Hz	3kW	79m - 43m	40m ³ - 60m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA63K0100	3PH 380V 50Hz	3kW	40m - 24m	60m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA63K0130	3PH 380V 50Hz	3kW	23m - 16m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA63K0250	3PH 380V 50Hz	3kW	18m - 9m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA44K0020	3PH 380V 50Hz	4kW	225m - 149m	10m ³ - 20m ³	30mm 1"1/4	100mm	625-750VDC	500-600VDC
SPA44K0040	3PH 380V 50Hz	4kW	145m - 89m	20m ³ - 40m ³	40mm 1"1/2	100mm	625-750VDC	500-600VDC
SPA44K0060	3PH 380V 50Hz	4kW	94m - 55m	40m ³ - 60m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA44K0100	3PH 380V 50Hz	4kW	50m - 32m	60m ³ - 100m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA64K0100	3PH 380V 50Hz	4kW	56m - 36m	60m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA64K0130	3PH 380V 50Hz	4kW	30m - 22m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA64K0131	3PH 380V 50Hz	4kW	37m - 27m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA64K0250	3PH 380V 50Hz	4kW	26m - 13m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB64K0500	3PH 380V 50Hz	4kW	17m - 6m	150m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA45K5040	3PH 380V 50Hz	5.5kW	172m - 111m	20m ³ - 40m ³	40mm 1"1/2	100mm	625-750VDC	500-600VDC
SPA45K5060	3PH 380V 50Hz	5.5kW	113m - 62m	40m ³ - 60m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA45K5100	3PH 380V 50Hz	5.5kW	67m - 44m	60m ³ - 100m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA65K5100	3PH 380V 50Hz	5.5kW	75m - 48m	60m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA65K5130	3PH 380V 50Hz	5.5kW	53m - 39m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA65K5250	3PH 380V 50Hz	5.5kW	35m - 21m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB65K5500	3PH 380V 50Hz	5.5kW	25m - 10m	150m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA47K5040	3PH 380V 50Hz	7.5kW	237m - 147m	20m ³ - 40m ³	40mm 1"1/2	100mm	625-750VDC	500-600VDC
SPA47K5060	3PH 380V 50Hz	7.5kW	137m - 75m	40m ³ - 60m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA47K5100	3PH 380V 50Hz	7.5kW	87m - 57m	60m ³ - 100m ³	50mm 2"	100mm	625-750VDC	500-600VDC
SPA67K5100	3PH 380V 50Hz	7.5kW	114m - 67m	60m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA67K5130	3PH 380V 50Hz	7.5kW	67m - 50m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA67K5250	3PH 380V 50Hz	7.5kW	44m - 25m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA67K5251	3PH 380V 50Hz	7.5kW	52m - 30m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB67K5500	3PH 380V 50Hz	7.5kW	33m - 15m	150m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC

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Model	Pump Spec.	Pump Power	Water Head	Daily Water Flow	Outlet Dia.	Adapting Well Dia.	Recommended Open Circuit Voltage	Recommended MPP Voltage
SPA69K2100	3PH 380V 50Hz	9.2kW	140m - 85m	40m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA69K2130	3PH 380V 50Hz	9.2kW	83m - 60m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA69K2250	3PH 380V 50Hz	9.2kW	62m - 40m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB69K2500	3PH 380V 50Hz	9.2kW	42m - 20m	130m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA611K100	3PH 380V 50Hz	11kW	159m - 97m	40m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA611K130	3PH 380V 50Hz	11kW	105m - 77m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA611K250	3PH 380V 50Hz	11kW	72m - 46m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB611K500	3PH 380V 50Hz	11kW	50m - 23m	150m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA613K100	3PH 380V 50Hz	13kW	189m - 115m	40m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA613K130	3PH 380V 50Hz	13kW	120m - 88m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA613K250	3PH 380V 50Hz	13kW	81m - 52m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB613K500	3PH 380V 50Hz	13kW	59m - 27m	150m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA615K100	3PH 380V 50Hz	15kW	208m - 127m	40m ³ - 100m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA615K130	3PH 380V 50Hz	15kW	135m - 99m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA615K250	3PH 380V 50Hz	15kW	88m - 58m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB615K500	3PH 380V 50Hz	15kW	67m - 31m	150m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPA618K130	3PH 380V 50Hz	18.5kW	143m - 109m	100m ³ - 130m ³	65mm 2"1/2	150mm	625-750VDC	500-600VDC
SPA618K250	3PH 380V 50Hz	18.5kW	101m - 63m	130m ³ - 250m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPB618K500	3PH 380V 50Hz	18.5kW	83m - 39m	150m ³ - 500m ³	76mm 3"	150mm	625-750VDC	500-600VDC
SPC822K270	3PH 380V 50Hz	22kW	86m - 70m	210m ³ - 270m ³	65mm 2"1/2	250-300mm	625-750VDC	500-600VDC
SPC822K330	3PH 380V 50Hz	22kW	70m - 55m	270m ³ - 330m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC822K420	3PH 380V 50Hz	22kW	55m - 48m	330m ³ - 420m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC822K540	3PH 380V 50Hz	22kW	48m - 36m	420m ³ - 540m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC822K700	3PH 380V 50Hz	22kW	36m - 25m	540m ³ - 700m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC826K270	3PH 380V 50Hz	26kW	105m - 85m	210m ³ - 270m ³	65mm 2"1/2	250-300mm	625-750VDC	500-600VDC
SPC826K330	3PH 380V 50Hz	26kW	85m - 65m	270m ³ - 330m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC826K420	3PH 380V 50Hz	26kW	65m - 55m	330m ³ - 420m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC826K700	3PH 380V 50Hz	26kW	44m - 30m	540m ³ - 700m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC830K270	3PH 380V 50Hz	30kW	125m - 105m	210m ³ - 270m ³	65mm 2"1/2	250-300mm	625-750VDC	500-600VDC
SPC830K330	3PH 380V 50Hz	30kW	105m - 85m	270m ³ - 330m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC830K420	3PH 380V 50Hz	30kW	85m - 70m	330m ³ - 420m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC830K540	3PH 380V 50Hz	30kW	70m - 52m	420m ³ - 540m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC830K700	3PH 380V 50Hz	30kW	52m - 35m	540m ³ - 700m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC837K270	3PH 380V 50Hz	37kW	150m - 125m	210m ³ - 270m ³	65mm 2"1/2	250-300mm	625-750VDC	500-600VDC
SPC837K330	3PH 380V 50Hz	37kW	125m - 100m	270m ³ - 330m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC837K420	3PH 380V 50Hz	37kW	100m - 80m	330m ³ - 420m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC837K540	3PH 380V 50Hz	37kW	80m - 60m	420m ³ - 540m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC837K700	3PH 380V 50Hz	37kW	60m - 40m	540m ³ - 700m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC845K270	3PH 380V 50Hz	45kW	180m - 145m	210m ³ - 270m ³	65mm 2"1/2	250-300mm	625-750VDC	500-600VDC
SPC845K330	3PH 380V 50Hz	45kW	145m - 120m	270m ³ - 330m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC845K420	3PH 380V 50Hz	45kW	120m - 98m	330m ³ - 420m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC845K540	3PH 380V 50Hz	45kW	98m - 72m	420m ³ - 540m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC845K700	3PH 380V 50Hz	45kW	72m - 50m	540m ³ - 700m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC855K270	3PH 380V 50Hz	55kW	200m - 170m	210m ³ - 270m ³	65mm 2"1/2	250-300mm	625-750VDC	500-600VDC
SPC855K330	3PH 380V 50Hz	55kW	170m - 155m	270m ³ - 330m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC855K420	3PH 380V 50Hz	55kW	155m - 125m	330m ³ - 420m ³	76mm 3"	250-300mm	625-750VDC	500-600VDC
SPC855K540	3PH 380V 50Hz	55kW	125m - 95m	420m ³ - 540m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC
SPC855K700	3PH 380V 50Hz	55kW	95m - 65m	540m ³ - 700m ³	100mm 4"	250-300mm	625-750VDC	500-600VDC

Performance based on 6kWh/m²/day of solar radiation.

May 1, 2014