



KIT

Solar Pump

Through the kit solar pump you can draw water from any land, with a hole, even in remote and isolated places, without access to electricity. 4 key components are needed:



Solar Pump

Submersible pump for solar operation, allows a head up to 180 m, a flow of 11 m³ / h, easy installation, free maintenance, high reliability, profitability and longevity. It is ideal for the supply of potable water for irrigation, fountains, lakes ...

Solar Module

The photovoltaic solar modules produce electric power into direct current (DC), from the energy produced by sun exposure. The tension continue to be used should be chosen taking into account the power system. The solar modules can be classified into three types that are distinguished by their efficiency: Monocrystalline, polycrystalline and amorphous.



Controller

Commands and controls the pumping system and indicates the status of operations. Allows automatic connection of the pump. Protects against reverse polarity, can limit the number of rotations. It can run on battery, equipped with protective downloads and automatic start to be hit again the minimum voltage.



Battery

The battery or battery bank is one of the key components for an autonomous system renewable energy. Functions as a storage device for energy production and supply power to the connected loads when there is loading. The capacity of a battery depends on the discharge current, state of loading and ambient temperature.





Kit Solar Pump CHATRON:

Pump	Model	TSS 0.76 - 21 - 24 / 120	TSC 1.74 - 30 - 36 / 170	TSS 2.54 - 50 - 48 / 500	TSC 6.12 - 28 - 48 - 500											
	Flow (m3/h) maximum	0,76	1,74	2,54	6,12											
	Maximum Height (m)	21	30	50	48											
	Power (w)	120	170	500	500											
	Voltage (v)	24	36	48	48											
	Section Wiring (mm2)	4	10	10	10											
	Pump Connection (")	1	1	1/4	1/2											
	Weight (Kg)	10,8	10,8	12	13,8											
	Dimensions (mm)	L	A	B	S	L	A	B	S	L	A	B	S	L	A	B
	400	170	230	76	710	430,5	270,5	76	690	460	230	100	630	400	230	100
Solar Panel	Voltage (v)	24 v		36 v		24 v		24 v								
	Power (w)	160 w		220 w		165 w		165 w								
	Quantity	1		1		4		4								
	Binding mode					2 paralel, 2 series		2 paralel, 2 series								

Kit Solar Pump Lorentz

Pump	Model	PS600 - HR03 - 340 - 140 - 1/2	PS600 - HR03H - 680 180 - 3/4	PS - HR03H - 1020 180 - 5/6								
	Flow (m3/h) maximum	0,5	0,5	0,5								
	Maximum Height (m)	140	180	180								
	Power (w)	340	680	1020								
	Voltage (v)	48	48	48								
	Section Wiring (mm2)	4	10	10								
	Pump Connection (")	1/4	1/4	1/4								
	Weight (Kg)	12	12	12								
Dimensions (mm)	L	A	B	S	L	A	B	S	L	A	B	S
	780	595	185	96	780	595	185	96	780	595	185	96
Solar Panel	Voltage (v)	24 v		24 v		24 v						
	Power (w)	170 w		170 w		170 w						
	Quantity	2		4		6						
	Binding mode					2 paralel, 2 series						



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