

Domestic Solar Pumping System



Jain Nano Pump



Jain Sunlight Pump



Rural drinking water supply



Drip Kits



Domestic water supply



Irrigation

The problem of load shedding, which was till now limited to the villages, is increasing with every passing day in cities. This leads to the problem of water storage. Pumps cannot be operated because of load shedding. To overcome from this day-to-day headache, Jain Irrigation Systems Ltd. has developed a solar operated special domestic surface pump. As fuel prices are rising with every passing day, there is no doubt that this package will be a blessing in disguise.

Nano solar pump and Sunlight solar pump is used to lift the water from the underground tank to the overhead water tank. This is done in a very efficient manner.

The working: The pump works directly on solar panel throughout the day. If the pump is to be operated during night time, then power pack can be used. You will need to purchase this power pack separately.

Jain Solar Nano Pump

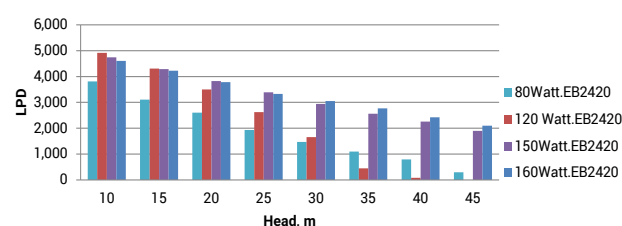
- DC motor - 18-24V, 2.3A
- Positive displacement Pump
- 80-160Wp Solar PV module
- Total max head – 40 m
- Max. discharge – 700 LPH
- Pressure control switch

Jain Sunlight pump

- BLDC motor – 15-52 VDC
- Positive displacement Pump
- 150-500 Wp Solar PV modules
- Total max head – 40 m
- Max. discharge – 2400 LPH
- Integrated pump controller –MPPT, protections against overload, well dry, tank full, over temperature etc
- Simple & comprehensive human interface–Manual & Bluetooth

Jain Solar Nano Pump Performance

Head, m	Discharge, LPD @ 7.15kWh/m ² /day solar radiation, EB 2420 motor			
	80 Wp	120Wp	150Wp	160Wp
10	3,811	4,914	4742	4,605
15	3,104	4,310	4290	4,227
20	2,601	3,498	3,825	3,781
25	1,933	2,620	3393	3,327
30	1,468	1,654	2939	3,054
35	1,093	448	2,563	2,769
40	790	79	2,258	2,422
45	293	0	1,899	2,101



Jain Sunlight Solar Pump performance

Head, m	Discharge, LPD @ 7.15kWh/m ² /day solar radiation, 6M SUCTION					
	160Wp	210Wp	260Wp	310Wp	420Wp	520Wp
10	6782	14,892	15,413	19,834	21,651	21,931
15	3574	7,731	11,787	14,952	16,709	15,585
20	1268	5,443	8,641	11,675	15,819	14,817
25	-	3,023	6,785	9,096	13,517	12,503
30	-	-	4,115	7,086	11,446	10,217
35	-	-	2,745	3,650	8,391	7,029
40	-	-	1348	2,212	6,230	4,728

