



2 to 19 GPM
7.5 to 72 LPM

SJT-10-120BL BRUSHLESS DC SHALLOW WELL JET PUMP



Flow rates up to 19 GPM

Heads up to 100 Feet

Suction Lift up to 20 Feet

SunPumps SJT series Jet Pumps are high quality, maintenance-free, DC powered pumps specifically designed for water delivery in remote locations. They operate on 180-1000 watts of DC power using solar modules as the power source.

SunPumps SJT series pumps were designed for use in shallow water wells. They have excellent suction lift capabilities and are primarily used to fill open storage tanks. Their small size and light weight allow easy installation by hand.

SunPumps SJT series pumps are designed for use in stand alone water delivery systems. They are pollution-free, corrosion-free, self-lubricating and quiet. There is no better way to provide water for remote homes, villages, livestock, small farms as well as many other needs beyond grid power.

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check our web site on-line at:***

***For free system sizing, technical
support, or to place an order call:***

www.sunpumps.com

***Independent Water
Pumping Systems***

**Phone: 1-800-370-8115
(928) 348-9652**

Fax: (928) 348-9653



Quality First!

SJT-10-120BL
Brushless DC
Shallow Well Jet Pump Performance

	Suction Lift (feet)	GPM At Discharge Pressure (PSI)			
		5	10	15	20
75 Volts 275 Motor Watts 340 Solar Watts* 3.6 FL Amps	0	19.2	17.1	9.1	0
	5	18.0	14.9	7.3	0
	10	16.0	11.1	0	
	15	13.8	6.9	0	
	20	10.9	2	0	
	25	3.5	0		

Suggested Solar Array: Five 17 volt, 65 to 85 watt modules wired in series.

	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)					
		5	10	15	20	25	30
90 Volts 415 Motor Watts 520 Solar Watts* 4.6 FL Amps	0	19.2	19.2	19.2	13.9	5.8	0
	5	18.0	18.0	17.8	11.2	4.9	0
	10	16.0	16.0	15.5	7.4	0	
	15	13.8	13.8	12.2	3.5	0	
	20	10.9	10.9	9.5	0		
	25	6.9	6.8	2	0		

Suggested Solar Array: Three 34 volt, 175 to 180 watt modules wired in series.

	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)							
		5	10	15	20	25	30	35	40
105 Volts 580 Motor Watts 730 Solar Watts* 5.6 FL Amps	0	19.2	19.2	19.2	19.2	18.9	12.2	4.9	0
	5	18.0	18.0	17.8	17.5	16.6	9.6	0	
	10	16.0	16.0	15.5	15.4	14.1	6.0	0	
	15	13.8	13.8	13.8	13.5	10.6	2.1	0	
	20	11.1	11.1	11.1	10.7	7.9	0		
	25	6.9	6.9	6.6	5.8	0			

Suggested Solar Array: Five 17 volt, 95 to 120 watt modules wired in series.

	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)									
		5	10	15	20	25	30	35	40	45	50
120 Volts 790 Motor Watts 990 Solar Watts* 6.6 FL Amps	0	19.2	19.2	19.2	19.2	19.2	18.9	17.7	11.5	4.9	0
	5	18.0	18.0	18.0	18.0	18.0	17.5	15.0	9.1	2.9	0
	10	16.0	16.0	16.0	16.0	15.7	15.5	12.7	6.8	0	
	15	13.8	13.8	13.8	13.5	13.3	13.1	10	4.3	0	
	20	11.1	11.1	11.1	11.1	11	10.9	6.7	0		
	25	6.9	6.9	6.9	6.9	6.9	6.8	1.6	0		

Suggested Solar Array: Four 34 volt, 225 to 235 watt modules wired in series.

NOTE: This performance chart is based on pumping at sea level. Suction lift will be reduced 1 foot for every 1000 feet of elevation.

*Solar array watts are based on a 20% deration factor.

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