



# Cedar Solar Water Pump Range

## Flow Rates\*

Total Dynamic Head (m)								
MODEL	0	10	20	30	40	50	60	70
Ceva 55	1330	1200	1030	470				
Ceva 80x3	1860	1560	1440	1200	760			
Ceva 80x6	1915	1800	1680	1630	1520	1370	1090	640
Ceva 100	2020	1940	1880	1780	1640	1510	1430	1260
Ceva 100X2	1700	1600	1500	1450	1300	1200	1000	600
Bovem 70	3300	3250	3150	2800	2200	1800	850	
Super 100	3500	3200	3000	2800	2600	2400	2100	1800
Flow (Liters per hour)								

Total Dynamic Head (m)							
MODEL	0	15	30	45	60	75	90
Fortis 130	5000	4800	4600	4000	3000	2000	1300
Flow (Liters per hour)							

## Technical Specifications

Model	Modules	Quantity	Motor Rated Watt	Diameter	Outlet	Mechanism
Ceva 55	80W	2	120	76mm	3/4"	Helical Rotor
Ceva 80	90W	3/6	210	76mm	3/4"	Helical Rotor
Ceva 100	90W	8	500	76mm	3/4"	Helical Rotor
Ceva 100 X2	250W	2	500	76mm	3/4"	Helical Rotor
Bovem 70	90W	8	500	100mm	1"	Helical Rotor
Fortis 130	100W	14	1000	100mm	1"	Impellers
Super 100	100W	14	1000	Not Submersible	1"X1"	Helical Rotor

Cedar Pumps makes use of various technologies to ensure the efficiency and longevity of our products.

The controller makes use of a slow-start function to protect the motor.

Constant power tracking along with minimal delayed startup can ensure the pump only initiates startup when sufficient power is available.

Brushless motor technology guarantees minimal maintenance.

MPPT function adds up to 25% more efficiency.

Well level sensing, tank level sensing and battery optionality extends the scope of Cedar Pumps dramatically.

Pumps and controllers carry a one year warranty (See our Warranty Statement)





## How to determine head height

1. Static water level in your borehole? (tie a rope to a spanner, drop down to water level and measure)

Answer:.....

2. How far do you pump from borehole to tank/dam/trough?

Answer:.....

3. Outside Diameter of pipe used?

Answer.....

4. Highest point in metres that we need to lift the water? (Use GPS, from borehole to tank/dam inlet, take difference between height above sea level at borehole and the highest point)

Answer:.....

5. How deep is borehole?

Answer:.....

6. What will water be used for? Game, Cattle, Sheep, Domestic.

Answer:.....

7. How much water do you need per day (6 hours 30 minutes = 1 day)

Answer:.....

Clients name and surname.....

Email: ..... Cell No.....