

We ensure the most accurate pump sizing in the market using our Solar Pump Sizing App

Our in-house developed software will accurately size our solar borehole pumps based on your borehole specifications. Know exactly how solar pump will perform during the year based on the available sunlight in your area.

The App uses:

- Historical weather data on site
- Our pump model performance curves
- Friction loss calculation
- Total dynamic head

to deliver daily and yearly yield projections. This ensures you choose the correct solution to deliver the water you need.



SOLAR WATER PUMPS	 SpitfirePumps				 PREMIUM SOLAR PUMPS						 MultiFlow	
												
Model	Griffon 50	Griffon 80	Griffon 100	Griffon 203	Ceva 55	Ceva 80	Ceva 100	Bovem 70	Bovem 140	Fortis 130	Duo 200	Pen 110
Rating (W)	120	210	500	1500	120	210	500	500	1000	1000	2200	2200
Max Head (m)	50	75	100	160	40	70	80	60	120	90	200	110
Max Flow (m ³ /h)	1.2	1.2	1.65	5.8	1.1	1.9	2	3	2.7	5	10.5	15.8
Max Depth (under water)	25m	25m	25m	40m	30m	30m	30m	40m	70m	70m	120m	120m
Optimal Voc	42	42	84	150	42	63	84	84	148	148	90 - 430	90 - 430
Outlet (mm)	20	20	20	32	20	20	20	25	25	32	50	50
AC Input	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Yes	Yes
Diameter (mm)	75	75	75	90	75	75	75	86	90	90	90	90
Height (mm)	420	420	420	1100	420	420	420	510	560	900	1170	1120
Max Voc	50	50	90	180	50	100	100	100	200	200	430	430
Max Amps	15	15	15	15	20	20	20	20	20	20	15	15
Controller	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Limited Warranty*	1 Year	1 Year	1 Year	1 Year	2 Years	2 Years	2 years	2 Years	2 Years	2 Years	1 Year	1 Year
Common Panel Config	1 x 270w	1 x 330w	2 x 330w	4 x 330w	1 x 330w	2 x 270w	2 x 330w	2 x 330w	4 x 330w	4 x 330w	3 - 7 x 400w	3 - 7 x 400w

