

REEFE

PUMPS AUSTRALIA BETTER | FASTER | EASIER



PUMP SELECTION GUIDE

Smart Pump Choices Made Easy

SOLAR PUMPS

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Keep an eye out for these icons to know if the range comes with solar panels or not.



SOLAR PANELS REQUIRED (NO SOLAR PANELS INCLUDED)



SOLAR PANELS INCLUDED

If you need further help, don't hesitate to reach our team.

We are just one call away.



1800 807 604



SALES@ASCENTO.COM.AU

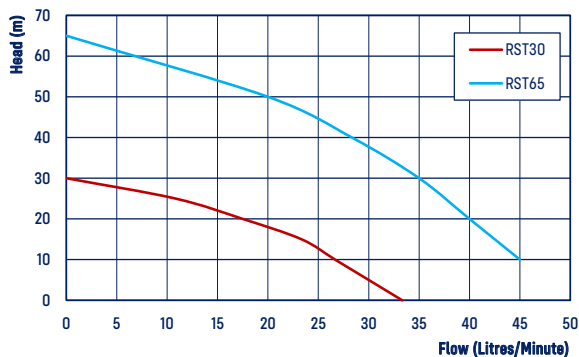
Solar Turbine Pump

RST & RST.SP Series

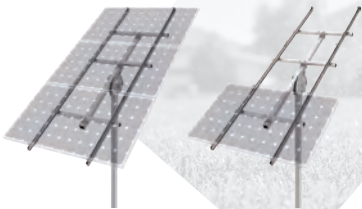


A solar-powered peripheral turbine pump designed to run directly from sunlight, making it ideal for off-grid and rural water supply. Built with corrosion-resistant components for tough Australian conditions, this turbine pump delivers reliable performance for water transfer, tank filling, and stock watering. Supplied with an easy-to-use MPPT controller to maximise efficiency, even in low light conditions.

Code	Model	Watts	Volts DC	Optimal Input Voltage	Open Circuit Voltage(VOC)	Max Flow (L/min)	Max Head (m)	Solar Panels
36174	RST30	280W	24V	30V-48V	<60V	33	30	2x440W
36181	RST65	750W	75V	90V-120V	<430V	50	65	4x440W
36426	RST30.SP	280W	24V	30V-48V	<60V	33	30	2x440W
36433	RST65.SP	750W	75V	90V-120V	<430V	50	65	4x440W



Solar Panel & Mounting Kit



IRRIGATION DOMESTIC

Solar Jet Pump & Pump Kits

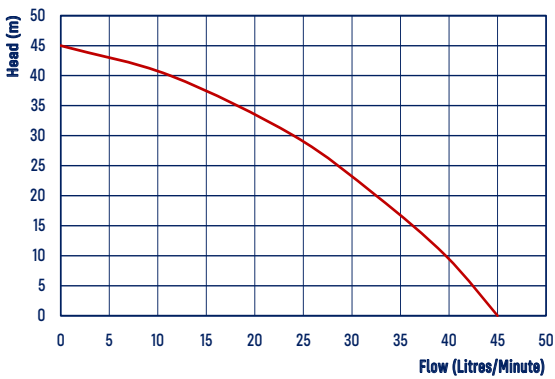
RSJ & RSJ.SP Series



Fully solar-powered jet pressure pump designed to deliver reliable water pressure in off-grid and remote locations. Ideal for cabins, farm sheds, and rural setups, it self-primes for suction lift applications and continues operating even in low sunlight. Built with durable materials and smart motor protection features, it offers efficient, low-cost water supply without the need for mains power.



Code	Model	Watts	Volts DC	Optimal Input Voltage	Open Circuit Voltage(VOC)	Max Flow (L/min)	Max Head (m)	Solar Panels
36198	RSJ45	550W	48V	60V-90V	<110V	45	45	2x440W
36372	RSJ45.SP	550W	48V	60V-90V	<110V	45	45	2x440W



Better Energy. Faster Pumping. Easier Setup.

REEFE solar pump systems turn renewable energy into practical, reliable water solutions. Designed for fast installation and simple operation, so you can move water efficiently without the complexity.



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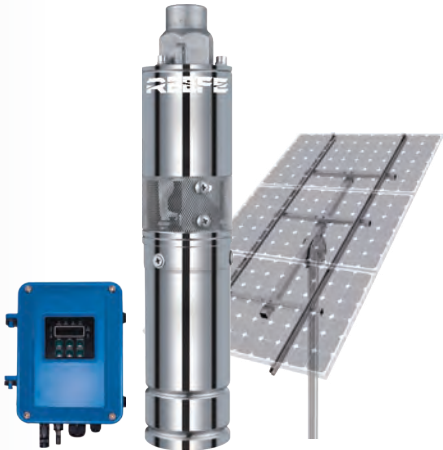
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Solar Bore Pump - Helical

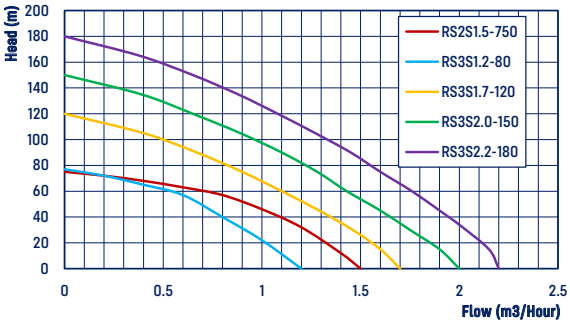
RSB Series



A fully solar-powered submersible bore pump designed for efficient and reliable water supply in off-grid applications. Running directly from sunlight, it delivers consistent performance for stock watering, tank filling, and water transfer. Supplied with an easy-to-use MPPT controller, it maximises efficiency even in low light while built-in protections ensure long-term durability.

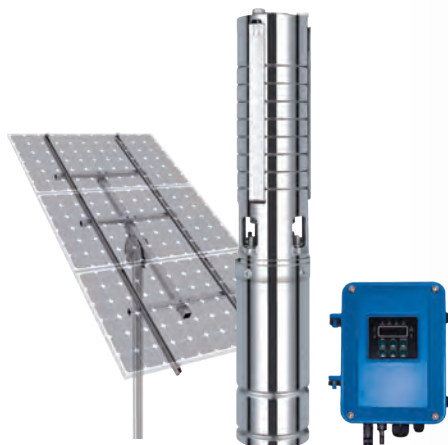


Code	Model	Pump Dia	Watts	Volts DC	Open Circuit Voltage	Max Flow (m³/hr)	Max Head (m)	Solar Panels
36983	RS2S1.5-75	2"	210W	24V	<60V	1.5	75	1x440W 
37102	RS2S1.5-75.SP	2"	210W	24V	<60V	1.5	75	1x440W 
36990	RS3S1.2-80	3"	210W	36V	<60V	1.2	80	2x440W 
37119	RS3S1.2-80.SP	3"	210W	36V	<60V	1.2	80	2x440W 
35009	RS3S1.7-120	3"	500W	48V	<100V	1.7	120	2x440W 
35511	RS3S1.7-120.SP	3"	500W	48V	<100V	1.7	120	2x440W 
35016	RS3S2.0-150	3"	750W	72V	<150V	2	150	3x440W 
35528	RS3S2.0-150.SP	3"	750W	72V	<150V	2	150	3x440W 
35023	RS3S2.2-180	3"	1100W	72V	<150V	2.2	180	4x440W 
35535	RS3S2.2-180.SP	3"	1100W	72V	<150V	2.2	180	4x440W 



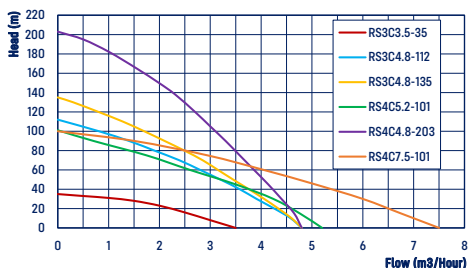
Solar Bore Pumps - Centrifugal

RSB Series



A complete solar bore pump system powered entirely by sunlight, supplied with panels, mounting kit, and MPPT controller for quick installation and efficient low-light performance. Built with durable stainless steel components, it delivers reliable off-grid water supply for stock watering, tank filling, and water transfer.

Code	Model	Pump Dia	Watts	Volts DC	Open Circuit Voltage	Max Flow (m³/hr)	Max Head (m)	Solar Panels
37584	RS3C3.5-35	3"	200W	24V	<60V	3.5	35	1x440W
37591	RS3C3.5-35.SP	3"	200W	24V	<60V	3.5	35	1x440W
35030	RS3C4.8-112	3"	1100W	110V	<200V	4.8	112	4x440W
35542	RS3C4.8-112.SP	3"	1100W	110V	<200V	4.8	112	4x440W
35047	RS3C4.8-135	3"	1500W	110V	<200V	4.8	135	5x440W
35559	RS3C4.8-135.SP	3"	1500W	110V	<200V	4.8	135	5x440W
35054	RS4C5.2-101	4"	1100W	110V	<200V	5.2	101	4x440W
35566	RS4C5.2-101.SP	4"	1100W	110V	<200V	5.2	101	4x440W
35061	RS4C4.8-203	4"	1500W	110V	<200V	4.8	203	5x440W
35573	RS4C4.8-203.SP	4"	1500W	110V	<200V	4.8	203	5x440W
35078	RS4C7.5-101	4"	1500W	110V	<200V	7.5	100	5x440W
35580	RS4C7.5-101.SP	4"	1500W	110V	<200V	7.5	100	5x440W



Solar Transfer Pump

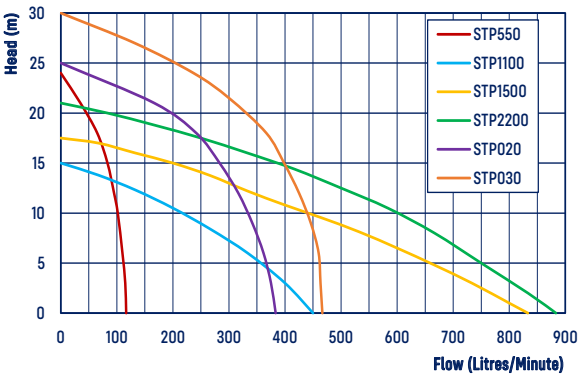
STP Series



A solar-powered transfer pump designed to move water anywhere without mains power. Running directly from sunlight, it features a built-in controller for automatic operation, real-time performance monitoring, and low ongoing costs. Built tough with a protective roll frame and durable components, it's ideal for farms and off-grid water transfer, irrigation, and tank filling.



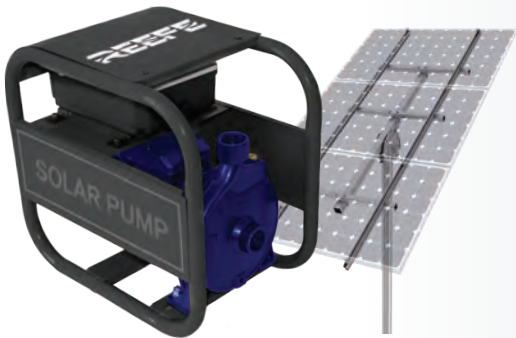
Code	Model	Watts	Volts DC	Optimal Input Voltage	Open Circuit Voltage(VOC)	Max Flow (L/min)	Max Head (m)	Solar Panels
34729	STP550	550W	48V	60V-90V	<100V	116	24	2x440W 
34736	STP1100	1100W	72V	90V-120V	<150V	450	15	4x440W 
34743	STP1500	1500W	110V	110V-150V	<200V	833	17.5	5x440W 
34750	STP2200	1500W	110V	110V-150V	<200V	883	21	7x440W 
35993	STP020	1500W	110V	110V-350V	<430V	383	25	6-12x440W 
36006	STP030	2200W	200V	200V-350V	<430V	466	30	8-12x440W 



Solar Transfer Pumps

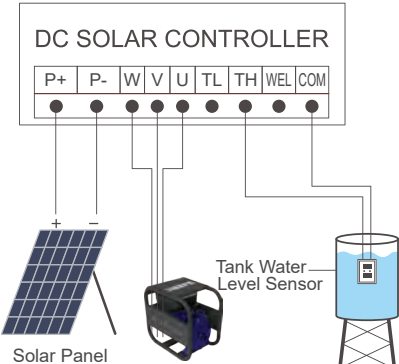
with Solar Panels & Mounting Kit

STP.SP Series



A complete solar transfer pump system powered directly by sunlight, supplied with solar panels, mounting kit, and built-in controller for quick installation and reliable off-grid operation. With automatic start and stop, real-time performance monitoring, and durable construction, it delivers efficient water transfer, irrigation, and tank filling with minimal running costs.

Code	Model	Watts	Volts DC	Optimal Input Voltage	Open Circuit Voltage(VOC)	Max Flow (L/min)	Max Head (m)	Solar Panels
35597	STP550.SP	550W	48V	60V-90V	<100V	116	24	2x440W 
35603	STP1100.SP	1100W	72V	90V-120V	<150V	450	15	4x440W 
35610	STP1500.SP	1500W	110V	110V-150V	<200V	833	17.5	5x440W 
35627	STP2200.SP	1500W	110V	110V-150V	<200V	883	21	7x440W 
36402	STP020.SP	1500W	110V	110V-350V	<430V	383	25	10x440W 
36419	STP030.SP	2200W	200V	200V-350V	<430V	466	30	12x440W 



Solar Floating Dam Pump

RSA Series



A solar-powered floating dam pump designed to improve water quality while creating an attractive fountain effect. Featuring an MPPT controller for efficient solar operation, it delivers reliable aeration for dams, ponds, and waterways with zero running costs.



Code	Model	Watts	Volts DC	Optimal Input Voltage	Open Circuit Voltage(VOC)	Max Flow (L/hr)	Max Head (m)	Solar Panels
36334	RSA750	750W	48V	60V-90V	<10V	25000	5	3x440W 
36341	RSA2200	2200W	300V	300V-400V	<430	55000	5	12x440W 

RSA Series

Supplied without solar panels,
ideal for flexible system design
or integration with existing solar setups.



Solar Floating Dam Pump

with Solar Panels & Mounting Kit

RSA.SP Series



A solar-powered floating dam pump designed to improve water quality while creating an attractive fountain effect. Supplied as a complete system with solar panels, mounting kit, and MPPT controller, it delivers reliable aeration for dams, ponds, and waterways with zero running costs.

Code	Model	Watts	Volts DC	Optimal Input Voltage	Open Circuit Voltage(VOC)	Max Flow (L/hr)	Max Head (m)	Solar Panels
36358	RSA750.SP	750W	48V	60V-90V	<10V	25000	5	3x440W 
36341	RSA2200	2200W	300V	300V-400V	<430	55000	5	12x440W 



RSA.SP Series

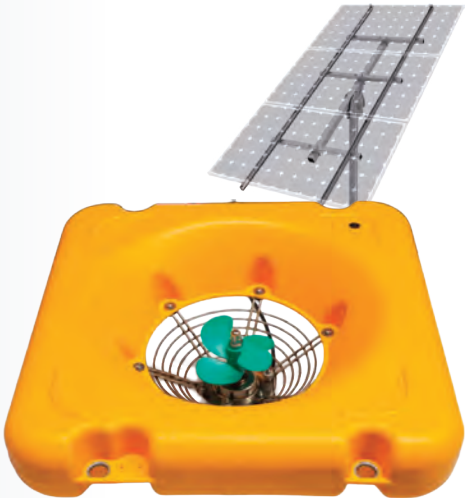
Includes solar panels and mounting kit for a complete, ready-to-install solution with faster setup.

Solar Floating Oxygenator

RSO Series



A solar-powered oxygenator pump designed to boost oxygen levels in dams and aquaculture systems during daylight hours. Featuring automatic AC backup for low-light conditions, it ensures consistent performance where water quality is critical. Supplied with a float ring for easy installation, it delivers reliable aeration across large water areas.



Code	Model	Watts	Volts DC	Optimal Input Voltage	Open Circuit Voltage (VOC)	Covering Area (m ²)	Oxygenation Rate (kg/h)	Solar Panels
36389	RSO220	2200W	300V	300V-400V	<430V	2265-5328	> 3.4	6-12x440W 
36396	RSO220.SP	2200W	300V	300V-400V	<430V	2265-5328	> 3.4	12x440W 



RSO220 Controller



Submerged pump design promotes consistent water movement and oxygenation below the surface.

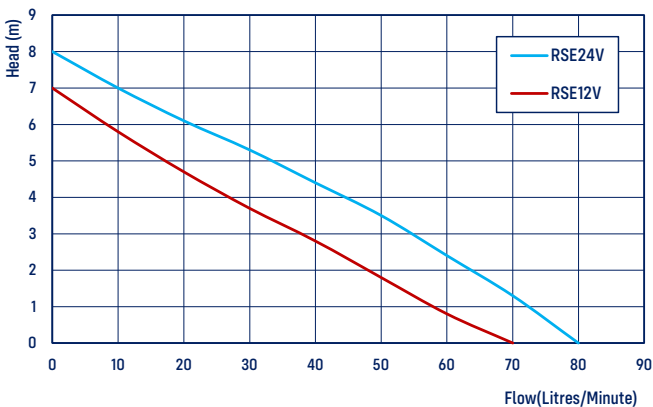
12V & 24V Solar/DC Powered Vortex Sump Pump

RSE Series



Designed for stormwater and dewatering applications where no 240V power supply is available. Battery operated and suitable for solar-recharged systems, it delivers efficient, short-cycle pumping performance for off-grid and remote installations.

Code	Model	Max Flow (L/min)	Max Head (m)	Soft Solids (mm)	Outlet (mm/in)
21019	 RSE12V	70	7	2	25 / 1"
21026	 RSE24V	80	8	2	25 / 1"



 indicate automatic operation

Solar Fountain Pumps

RSF Series



A high-quality solar fountain system combining advanced solar technology with efficient brushless pumps for reliable performance. Built with durable, weatherproof components, it delivers consistent operation and an attractive water display, powered entirely by the sun.



Code	Model	Max Flow (L/Min)	Max Head (m)	Outlet Size	No. of Solar Panels
4005	RSF175	175	0.7	8.5 push fit	1
4050	RSF300	300	0.9	½" MBSP	1
4012	RSF470	470	0.9	½" MBSP	1
4029	RSF980	980	1	½" MBSP	1
4036	RSF1360	1360	2.1	½" MBSP	1
4067	RSF2500	2480	2.1	1" MBSP	1
22399	RSF3400	3400	3	1" MBSP	2
22467	RSF5000	5000	3	1" MBSP	2

Head (m)		Approximate Flow Rate in Litres per Hour (without restriction)						
3.0							0@3m	0@3m
2.4							750	1100
2.0					0@2.1m	0@2.1m	1300	2050
1.8					210	613	1700	2500
1.5					420	1080	1900	2900
1.25					620	1371	2250	3250
1.0		0@0.9m	0@0.87m	0@1m	747	1643	2500	3600
0.75	0@0.7m	50	90	296	870	1882	2750	3950
0.5	54	138	232	546	1063	1925	2900	4350
0.25	113	223	345	781	1233	2309	3200	4700
0.00	170	300	470	980	1360	2480	3400	5000
MODEL	RSF175	RSF300	RSF470	RSF980	RSF1360	RSF2500	RSF3400	RSF5000

Solar Fountain Pumps

with Battery Backup

RSB Series



A solar-powered floating dam pump designed to improve water quality while creating an attractive fountain effect. Supplied as a complete system with solar panels, mounting kit, and MPPT controller, it delivers reliable aeration for dams, ponds, and waterways with zero running costs.

Code	Model	Battery	Max Flow (L/Min)	Max Head (m)	Outlet Size	No. of Solar Panels
4142	RSFB250	6-9V 3.2AH	230	1.25	½" MBSP	1
4159	RSFB800	12-24V 4.5AH	800	2.1	½" MBSP	1
4166	RSFB1600	12-24V 7.0AH	1560	3.2	½" MBSP	2
4074	RSFB2500	12-18V 12AH	2480	2.1	1" MBSP	2
22412	RSFB3400	12-18V 24AH	3400	3	1" MBSP	2

Head (m)		Approximate Flow Rate in Litres per Hour (without restriction)			
3.0			0 @ 3.2m		0@3.0m
2.4			500		750
2.0		0 @ 2.1	680	0 @ 2.1	1300
1.8		110	790	650	1700
1.5		210	950	1070	1900
1.25		315	1125	1361	2250
1.0	0 @ 1.1m	400	1195	1530	2500
0.75	145	580	1300	1837	2750
0.5	130	545	1390	2100	2900
0.25	285	680	1520	2343	3200
0.00	330	760	1560	2480	3400
MODEL	RSFB250	RSFB800	RSFB1600	RSFB2500	RSFB3400



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