

SOLAR BORE PUMPS - HELICAL

RSB SERIES



REEFE Solar Powered Submersible Bore Hole Pumps offer the ultimate in energy efficiency using 100% renewable energy directly from the sun. Includes easy to use MPPT maximum efficiency start controller. The pre-coupled quality and reliable 100% tested motor / pump assembly, means you can be up and running quickly. This specific range offers models with a helical rotor.

APPLICATIONS

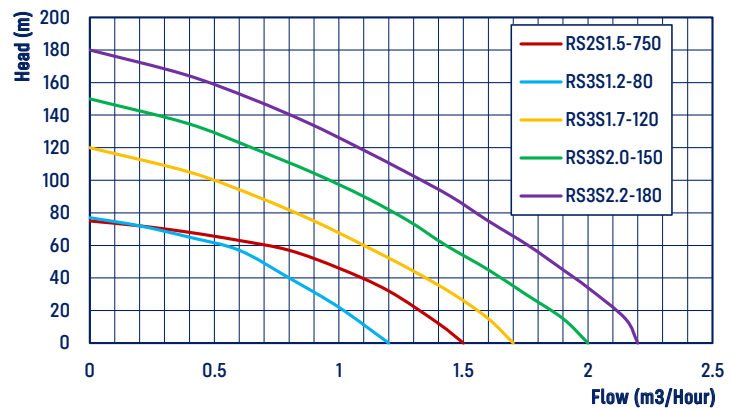
- Submersible bore hole installations
- Stock watering
- Tank filling
- Water supply
- Water transfer

FEATURES & BENEFITS

- Automatic restarting for minimal user intervention. Starts and stops each morning and evening
- Loss of prime function for pump protection
- Under and over voltage protection to prevent damage to motor
- MPPT tracking for efficient low light operation
- Soft start function to remove water hammer on hydraulic system
- Minimum power operating point preventing dead head operation

CONSTRUCTION

- Stainless Steel construction of motor casing, pump casing, helical screw, oil cylinder, coupling and fixings
- Quality NSK bearings
- Stainless steel helical shaft with rubber displacement body
- Permanent magnet DC brushless synchronous motor
- Powered by pre-coupled S1 continuously rated motors which are 100% factory tested.
- IP65 controller with 50m probe
- 2m Motor Cable Length
- 15m Plug & Play Array Connection Cable on .SP Models
- Solar Panels & Mounting Kits Included on .SP Models



CODE	MODEL	PUMP DIA	POWER				MAXIMUM		SOLAR PANELS	OUTLET		WEIGHT (KG)	SIZE DØ X H (MM)
			VOLTS	BEST INPUT DC VOLTAGE	WATTS	OPEN CIRCUIT VOLTAGE	FLOW (M ³ /HR)	HEAD (M)		MM	IN		
36983	RS2S1.5-75	2"	24V	30V-48V	210	<60V	1.5	75	1x440w	13	½"	9	76x418
37102	RS2S1.5-75.SP	2"	24V	30V-48V	210	<60V	1.5	75	1x440w Included	13	½"	9	76x418
36990	RS3S1.2-80	3"	36V	30V-48V	210	<60V	1.2	80	2x440w	20	¾"	9	76x418
37119	RS3S1.2-80.SP	3"	36V	30V-48V	210	<60V	1.2	80	2x440w Included	20	¾"	9	76x418
35009	RS3S1.7-120	3"	48V	60V-90V	500	<100V	1.7	120	2x440w	25	1"	9	76x418
35511	RS3S1.7-120.SP	3"	48V	60V-90V	500	<100V	1.7	120	2x440w Included	25	1"	9	76x418
35016	RS3S2.0-150	3"	72V	90V-120V	750	<150V	2.0	150	3x440w	25	1"	9	76x418
35528	RS3S2.0-150.SP	3"	72V	90V-120V	750	<150V	2.0	150	3x440w Included	25	1"	9	76x418
35023	RS3S2.2-180	3"	72V	90V-120V	1100	<150V	2.2	180	4x440w	25	1"	9	76x418
35535	RS3S2.2-180.SP	3"	72V	90V-120V	1100	<150V	2.2	180	4x440w Included	25	1"	9	76x418