



SOLAR BORE PUMPS - CENTRIFUGAL

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 centrifugal impellers.

APPLICATIONS

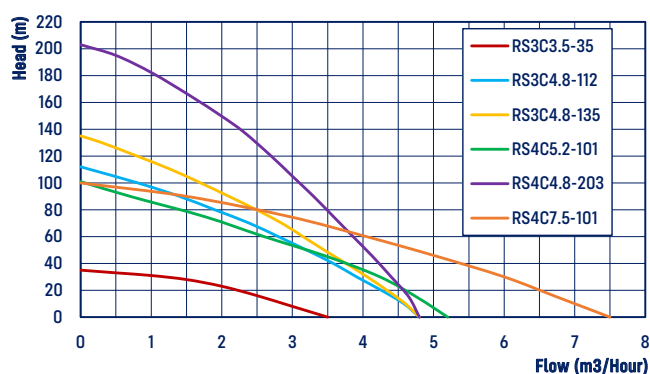
- Submersible bore hole installations
- Stock watering
- Tank filling
- Water supply
- Water transfer

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, impellers, 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 SI 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		
-	RS3C3.5-35	3"	24V	30V-48V	200	<60V	3.5	35	1x440w	32	1 ¼"	14.5	76x702
-	RS3C3.5-35.SP	3"	24V	30V-48V	200	<60V	3.5	35	1x440w Included	32	1 ¼"	14.5	76x702
35030	RS3C4.8-112	3"	110V	110V-150V	1100	<200V	4.8	112	4x440w	32	1 ¼"	14.5	76x702
35542	RS3C4.8-112.SP	3"	110V	110V-150V	1100	<200V	4.8	112	4x440w Included	32	1 ¼"	14.5	76x702
35047	RS3C4.8-135	3"	110V	110V-150V	1500	<200V	4.8	135	5x440w	32	1 ¼"	15	76x762
35559	RS3C4.8-135.SP	3"	110V	110V-150V	1500	<200V	4.8	135	5x440w Included	32	1 ¼"	15	76x762
35054	RS4C5.2-101	4"	110V	110V-150V	1100	<200V	5.2	101	4x440w	32	1 ¼"	14.6	98x605
35566	RS4C5.2-101.SP	4"	110V	110V-150V	1100	<200V	5.2	101	4x440w Included	32	1 ¼"	14.6	98x605
35061	RS4C4.8-203	4"	110V	110V-150V	1500	<200V	4.8	203	5x440w	32	1 ¼"	17.1	98x788
35573	RS4C4.8-203.SP	4"	110V	110V-150V	1500	<200V	4.8	203	5x440w Included	32	1 ¼"	17.1	98x788
35078	RS4C7.5-101	4"	110V	110V-150V	1500	<200V	7.5	100	5x440w	32	1 ¼"	14.5	98x605
35580	RS4C7.5-101.SP	4"	110V	110V-150V	1500	<200V	7.5	100	5x440w Included	32	1 ¼"	14.5	98x605