



SOLAR BORE PUMPS

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 either helical rotor or centrifugal impellers.

APPLICATIONS

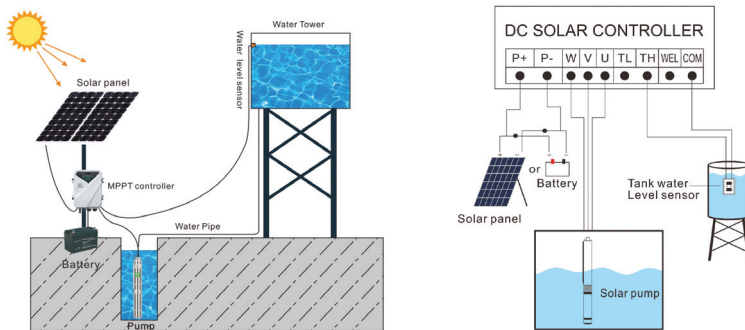
- Submersible bore hole installations
- Stock watering
- Tank filling
- Water supply
- Water transfer

FEATURES & BENEFITS

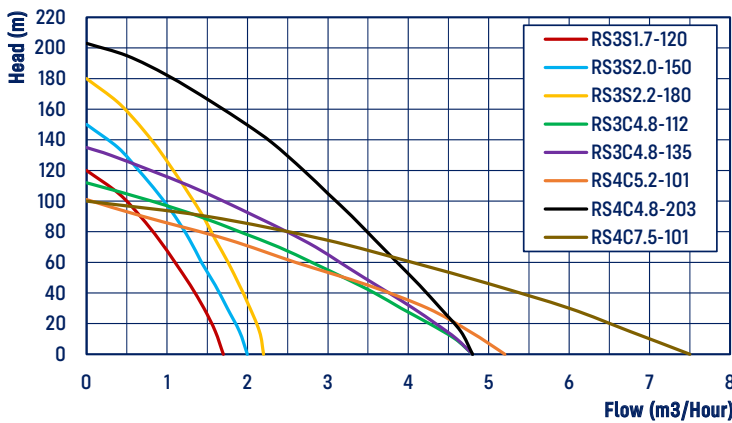
- Automatic restarting for minimal user intervention. Starts and stops each morning and evening
- Loss of prime function for pump protection
- Under and over voltage protection to prevent damage to motor
- MPPT tracking for efficient low light operation
- Soft start function to remove hammer on hydraulic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

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
- IP65 controller
- 2m Cable Length



DC Controller



SCREW



Screw



SS Oil Cylinder



NSK Bearing



CENTRIFUGAL



SS Impeller



SS Oil Cylinder



NSK Bearing

CODE	MODEL	PUMP DIA	IMPELLER TYPE	POWER				MAXIMUM		SOLAR PANELS REQUIRED	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		
35009	RS3S1.7-120	3"	Screw	48V	60V-90V	500	<100V	1.7	120	2x330w	25	1"	9	76x418
35016	RS3S2.0-150	3"	Screw	72V	90V-120V	750	<150V	2.0	150	3x330w	25	1"	9	76x418
35023	RS3S2.2-180	3"	Screw	72V	90V-120V	1100	<150V	2.2	180	6x330w	25	1"	9	76x418
35030	RS3C4.8-112	3"	Centrifugal	110V	110V-150V	1100	<200V	4.8	112	6x330w	32	1 1/4"	14.5	76x702
35047	RS3C4.8-135	3"	Centrifugal	110V	110V-150V	1500	<200V	4.8	135	8x330w	32	1 1/4"	15	76x762
35054	RS4C5.2-101	4"	Centrifugal	110V	110V-150V	1100	<200V	5.2	101	6x330w	32	1 1/4"	14.6	98x605
35061	RS4C4.8-203	4"	Centrifugal	110V	110V-150V	1500	<200V	4.8	203	8x330w	32	1 1/4"	17.1	98x788
35078	RS4C7.5-101	4"	Centrifugal	110V	110V-150V	1500	<200V	7.5	100	8x330w	32	1 1/4"	14.5	98x605