



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

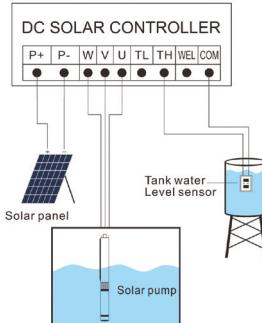
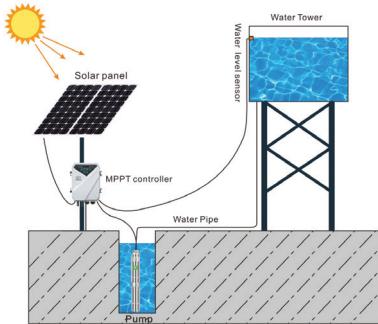
- Submersible bore hole installations
- Stock watering
- Tank filling
- Water supply
- Water transfer

FEATURES & BENEFITS

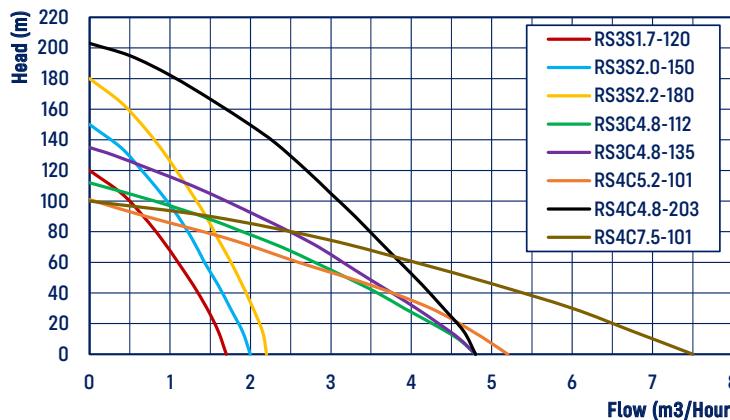
- Automatic restarting for minimal user intervention. Starts and stops each morning and evening
- Loss of prime function for pump protection
- Under and over voltage protection to prevent damage to motor
- MPPT tracking for efficient low light operation
- Soft start function to remove water hammer on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



SS Impeller



SS Oil Cylinder



NSK Bearing

SCREW

CENTRIFUGAL

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 (M³/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