

**RBM
EXPORTS**

greenearth

RBM EXPORTS PRIVATE LIMITED

CORPORATE OFFICE: 320 MARSHALL HOUSE,
33/1 NETAJI SUBHASH ROAD, KOLKATA - 1

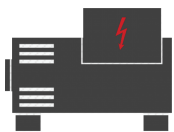


**GREEN ENERGY,
CLEAN,
RELIABLE,
ENDLESS.**

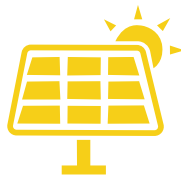
RURAL VILLAGE
ELECTRIFICATION /
MICROGRIDS

SOLAR WATER
PUMPING SYSTEMS

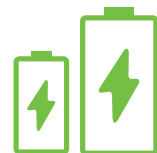
RENEWABLE ENERGY
STORAGE SYSTEMS



INDEPENDENT MICRO
GRID ABLE TO SUPPLY POWER
TO UPTO 100 HOUSEHOLDS



PUMPING WATER AT ALMOST
ZERO COST. INVESTMENT
PAYBACK IN 2 YEARS*



REPLACING DIESEL GENSETS
WITH SOLAR STORAGE.
PAYBACK IN 3 to 4 YEARS*

**RBM
EXPORTS**

greenearth

RBM EXPORTS PRIVATE LIMITED

CORPORATE OFFICE: 320 MARSHALL HOUSE,
33/1 NETAJI SUBHASH ROAD, KOLKATA - 1

**Solar Water
Pumping System**



**NO RUNNING DIESEL
COST**



**NO ELECTRICITY
CONNECTION NEEDED**



**25 YEARS LIFESPAN
2 YEARS PAYBACK***



| HP | Type | Head Range (Meter) | Water Output (Liters per day) | Solar Panel Size (WP) |
|----|----------------|--------------------|-------------------------------|-----------------------|
| 1 | AC Surface | 12 | 81,000 | 900 |
| | AC Submersible | 45 | 38,400 | 1200 |
| | DC Submersible | 29-42 | 32,500 | 1200 |
| 2 | AC Surface | 15 | 162,000 | 1800 |
| | AC Submersible | 45 | 57,600 | 1800 |
| | DC Submersible | 30-40 | 65,000 | 1800 |
| 3 | AC Surface | 15-25 | 243,000-121,500 | 2700 |
| | AC Submersible | 45-100 | 96,000-39,000 | 3000 |
| | DC Submersible | 28-111 | 98,000-32,500 | 3000 |
| 5 | AC Surface | 15-25 | 432,000-216,000 | 4800 |
| | AC Submersible | 70-150 | 91,200-40,800 | 4800 |
| | DC Submersible | 34-112 | 119,000-65,000 | 4800 |

| Challenges Addressed | Innovative Solutions |
|---|--|
| High Upfront Cost | Innovative Financing – Pay as you Go, Seasonal Payment, Farmer Aggregation (JLG) |
| No availability in early mornings / Late evenings | Storage tank provided with system |
| Falling Water table | Sprinkler and Drip Irrigation |
| Theft | Community / Entrepreneur Management and Ownership |
| Challenges with Collection | Entrepreneurship Model – Replacing Diesel with Solar |

