

MOTHER[®]

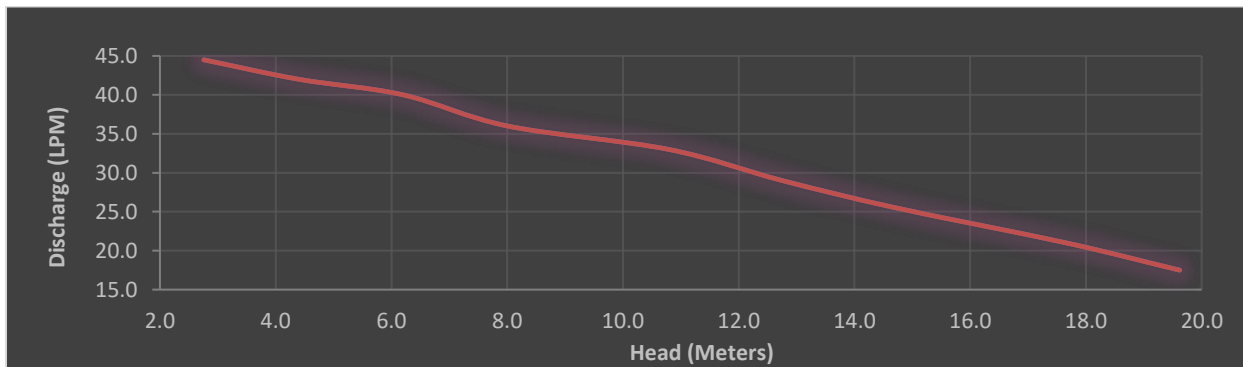


**CENTRIFUGAL REGENERATIVE SELF-PRIMING
DC SURFACE WATER PUMP**

MODEL: 30265

Inlet & Outlet Connection: 3/4" BSP Female.
Range: 11.8 GPM @ 9 Feet to 4.6 GPM @ 64 Feet.
RATING: Continuous

Head (Meters)	3	4	6	8	11	13	15	18	20
Discharge (LPM)	45	42	40	36	33	29	26	21	18



Specification: -

Type: Centrifugal Regenerative Self Priming Pump
Connection Size: 20 X 20 (mm)
Static Suction Lift: 6 Meters
Total Dynamic Head: 20 Meters
Self-Priming Time at 3 m SSL: 180 Sec
Rated Supply: 30 V-DC
Insulation: Class "F"
Enclosure: IP44, TENV
Rated Temperature: 70°C
Max Power Input: 0.27 kW
Rated Current: 8A
Rated Head: 18 m
Rated Discharge: 1260 LPH
Head Range: 3 – 20 m

Applications: -

These pumps can be supplied in 12 / 24 & 48 Volts also and can be operated **WITH** PV solar panels Or Batteries **FOR** lifting fluids to overhead tanks, watering, dewatering, fluid circulation, spraying fluid, dispensing fluids etc., **IN** places / systems / equipment where AC supply is not feasible or where pump needs to be operated on DC supply.

Especially in Remote Areas Where there is no electricity and the only source of power is Solar Energy

Solar operated pump e.g.: -

- 1.) Lifting Water to Over-Head Storage Tanks in: -
 - a.) Small Individual Bungalows
 - b.) Public Toilets
- 2.) Gardening
- 3.) Micro-farming
- 4.) Aquaponics
- 5.) Nurseries
- 6.) Providing water points for animals in wild-life sanctuaries
- 7.) RO Water Purification Systems (Raw Water / Feed Pump)
- 8.) Solar Water Heaters (Hot Water Circulation Pump)
- 9.) Drip Irrigation
- 10.) Fish Farming
- 11.) Ponds

Or Vehicle Mounted Equipment Where Fluid Dispensing, Spraying or Circulation is required and only source of power is batteries.

Battery operated pump e.g.: -

- 1.) Diesel Dispensing in Mobile Trucks
- 2.) Water Spraying in Road Milling / Scraping Vehicles
- 3.) Water Spraying in Road Sweeping Trucks
- 4.) Coolant Circulation in Special Purpose Vehicles
- 5.) Refueling Heavy Vehicles that cannot be taken to fuel stations
- 6.) Refueling Diesel Generators Mounted on Vehicles.
- 7.) Dewatering Flooded Yachts, small boats etc.
- 8.) Water supply to Wash-basins, shower, WC, in Yachts, RVs, Caravans etc.

Features: -

- Our Pumps Feature Robust High Efficiency PMDC Motors which are failsafe and require negligible maintenance.
- Capable of priming up-to 6 Meters Static Suction Lift without Foot-Valve
- Simple 2 Wire Design. Direct DC Operation Through Batteries / Solar PV Array.
- Easy to Install and Maintain
- Long Life Brushes with Quick Replacement
- Double Shielded Ball-Bearings – Needs No External Lubrication

Advantages: -

- Starts Early in the morning and Runs for Longer Hours during the day compared to AC Solar Pumps
- Is More Efficient compared to AC Solar Pumps + Inverter efficiency Loss is eliminated - Hence requires smaller solar panels – Since cost of Inverter and extra solar panels is eliminated in DC Solar Pumping Systems it is More Economical
- Easy to Install and Maintain because of simple design compared to AC Solar Pumps

Shipping Details: -

Type: Individual Corrugated Box Packing
Dimensions: 13 X 6 X 9 Inches
Weight: 8 Kgs.

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