



## Ambalian Company Limited

Suite MS-1, Mezzanine Floor, South Gate Centre

Mkoma Road, South-B,

PO Box 22932 – 00100 Nairobi.

Tel +254 - 20 – 266 2166.

Cell +254 – 722 – 806 752.

KRA PIN. P051328875T.

KRA VAT no. 0328138N

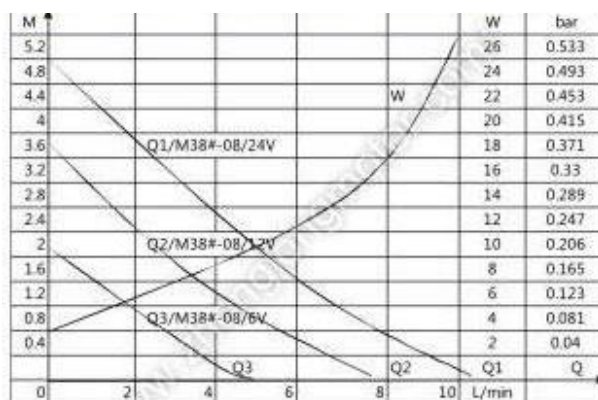
Email info@ambalian.co.ke

URL www.ambalian.co.ke

### Solar PV DC Pumps

We sell well designed solar PV DC Pumps which can be used for small scale water supply. They can connect directly to a solar panel. It is also possible to connect them to a solar power system made up of solar panels, battery and charge controller so as to get a steady 12/24VDC during operation.

The Value Added Tax Act, 2013 did not include specialised solar equipment (under which these pumps fall) on the list of VAT exempt items. This was changed by the Value Added Tax (Amendment) Act, No. 7 of 2014 (effective May 29<sup>th</sup>, 2014) which returned these items to the VAT exempt list as a new item 45.



#### Direct Solar Pump; 38-08BG

Static water head 1.5-5M±10%, Flow rate 6-12L /min

Working voltage range 6VDC-24VDC (30 watts)

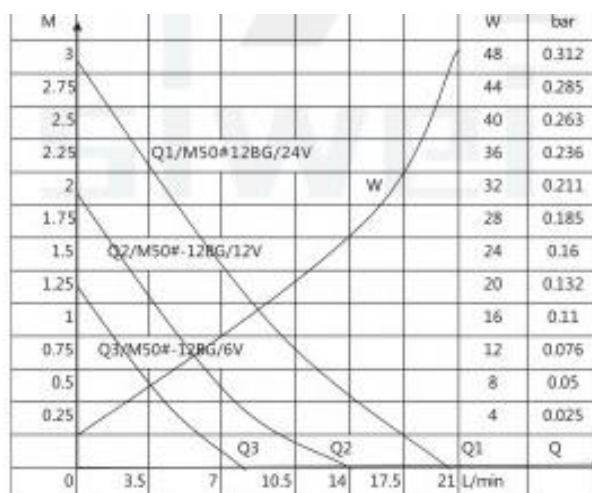
fluid medium temperature < 90 °C

Ingress protection (IP66)

- Pump and controller, Kshs 6,000.
- 30 watts solar panel, Kshs 2,700.

Can be used for Solar water heater, hot water shower, footbath, water coolant of home appliance, air-conditioning, washing machine, small fountain, small aquarium, flower and plant watering.

- **Not Submersible**



### **Direct Solar Pump; 50-12BG**

Max Static head 3 M, Max Flow rate 20L/min.

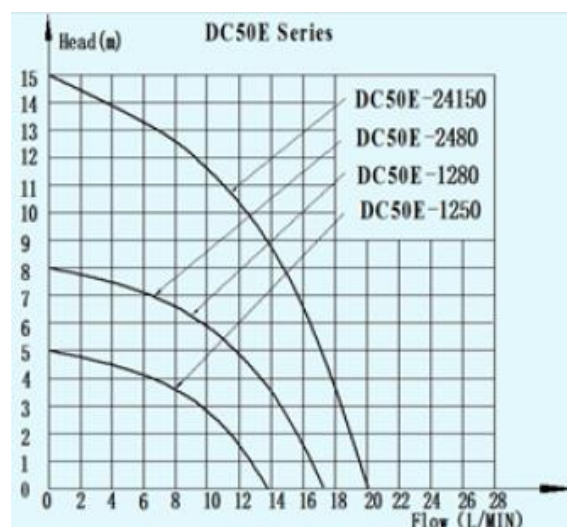
Direct connection to 60 watts panel (18 VDC).

Water temp. <100 °C

- Pump and controller, Kshs9, 600.
- 60 watts solar panel, Kshs 5,400.

Can be used for Pipe pressurization, Solar water heater, water shower, footbath, water coolant of home appliances, small fountain, small aquarium, small irrigation.

**Not Submersible**



### **DC Pump; DC50F-24150S**

Static water head 15 M, Max Flow rate 20L/min.

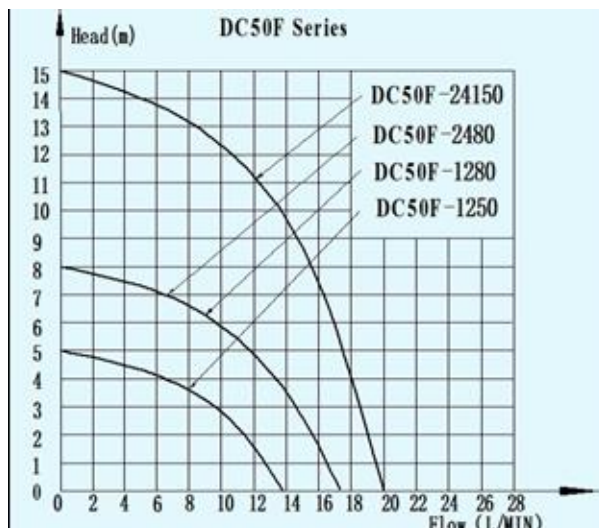
Working voltage range 24VDC (90 watts).

fluid medium temperature <70 °C

- Pump, Kshs 9, 600.
- 2X 30 watts solar panel, 2X 5 AH Batteries & 10 Amp charge controller, Kshs 13,600.

Can be used for Pipe pressurization, Solar water heater, small fountain, small aquarium, small irrigation.

**IP68 (Is submersible)**



#### **DC Pump; DC50E-24150S**

Static water head 15 M, Max Flow rate 20L/min.

Working voltage range 24VDC (90 watts).

fluid medium temperature < 70 °C

Pump, Kshs 9, 600.

- 2X 30 watts solar panel, 2X 5 AH Batteries & 10 Amp charge controller, Kshs 13,600.

Can be used for Pipe pressurization, Solar water heater, small fountain, small aquarium, small irrigation.

**IP68 (Is submersible)**



| MODEL           | BL-2512N   | BL-2524N   |
|-----------------|------------|------------|
| Connection Dia. | 25mm(1 ")  | 25mm(1 ")  |
| Total Head      | 5m         | 5m         |
| Delivery Volume | 70L/min    | 70L/min    |
| Voltage         | DC-12V     | DC-24V     |
| Rated Current   | 7.8A       | 3.8A       |
| Rotation        | Continuous | Continuous |
| Power           | 50W        | 50W        |
| Rotate speed    | 5800 rpm   | 5800 rpm   |
| Gross Weight    | 3.0kgs     | 3.0kgs     |

#### **BL Mini Submersible Pump; BL-2512N & 2524N**

Total head upto 5 M, Max Flow rate 70L/min.

Working voltage, BL-2512N 12VDC (50 watts).

Working voltage, BL-2524N 24VDC (50 watts).

Pump, Kshs 2,900.

- 2X 30 watts solar panel, 2X 5 AH Batteries & 10 Amp charge controller, Kshs 13,600.

Small fountain, Water Transfer Aquarium, Irrigation.  
Must be submersed in water upto 8 M deep.