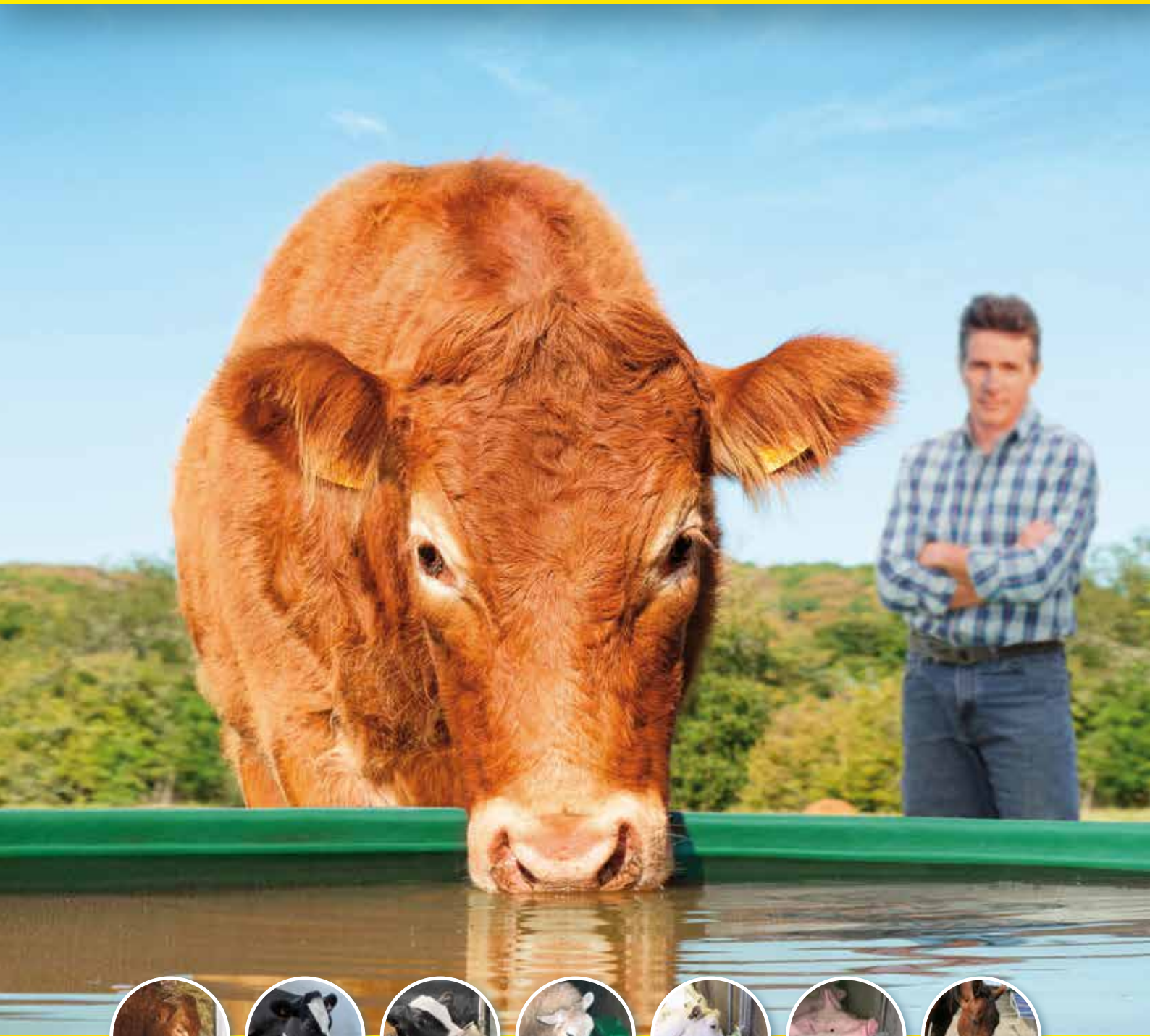


LA BUVETTE®

The Specialist in Livestock Drinking Solutions



GENERAL CATALOGUE **2017**

ADVICE FROM LA BUVETTE® ON SOLAR DRINKERS AND SOLAR PUMPS

FOR PASTURE

Based on our technological know-how, LA BUVETTE® developed the SOLAR-FLOW™ drinkers and equipped them with autonomous pumping stations powered by batteries that are recharged by solar panels to pump up water down to a depth of 50 m.



THE MORE THE SUN SHINES, THE MORE THE ANIMALS DRINK AND THE MORE WATER THE PUMP SUPPLIES.

Since 2003, numerous users have been convinced by the performance and reliability of SOLAR-FLOW™. No need to worry anymore about the water supply when there is already a work overload in summer. No risk of water shortage and the animals no longer come rushing when the tractor arrives! Taking into account the fuel and time saved, a SOLAR-FLOW™ system pays off within a few seasons.

The LA BUVETTE® consultant technicians are available at 0033 324 523 723 to help you choose and start up the best installation for your animals.

DOWNLOAD THE INTERACTIVE GUIDE FOR SOLAR WATERING SYSTEMS



www.labuvette.com

Use our interactive SOLAR-FLOW guide to calculate the water hauling cost and the amount of water your herd needs. Discover in how many seasons your SOLAR-FLOW pays off.



ADVANTAGES OF SOLAR-FLOW™ SYSTEMS

- Unparalleled performance (flow rates, pumping depth, battery life).
- Reliability: Pioneer in the field of solar watering solutions, LA BUVETTE draws on more than 10 years' experience.
- "All-in-one" or modular solutions.
- Advice from specialists and the LA BUVETTE After Sales Department.
- Reduced maintenance: maintenance of the immersion pump every 2 - 5 years depending on the quality of the water in the borehole.
- Anti-theft systems: self-breaking nuts + padlock supplied
- Subsidies possible from agencies for the protection of rivers and water courses.
- Rapid return on investment.

DRINKING TROUGHS WITH SOLAR PUMPS AND BATTERIES

SOLAR-FLOW™ 1500 L

Autonomous solar-powered drinker with two batteries. The pump is powered by the batteries, which are recharged by the solar panels.

The Solar-Flow™ 1500 L model pumps up to **3500 litres/day** during the high season. It covers the consumption of a herd of **30 dairy cows or 30 nursing cows with their calves.**

Dimensions: Ø200 x h. 300 cm
(Ø79" x H. 10 ft.)

- 1500 l. trough (2 x 750) in Polychoc™ HDPE (as PREBAC) Ø 2,00 m. 8 years warranty. Quick draining "Vide-Vite".
- Water level sensors inside the trough initiate the start and stop function of the pump.
- Very powerful immersion pump: Pushes the water up to 50 m vertically (more than 500 m horizontally) and supplies 160 to 360 l/h (depends on the suction depth).



- The central compartment locked by a key protects the 2 batteries and their charge controller. **Autonomy: 10 days** without sun, with a daily consumption of 2500 l/day.
- Solar panels 80 Wp, pole and bracket, with anti-theft nuts.



Minimal well diameter: **120 mm (5")**
Maximum immersion depth of the pump: **20 m (65 ft)**

REF.	DESIGNATION
2202	Complete pack - Solar pump - Two 750 litres (1500 litres) drinking troughs. Two 12 V batteries and two solar panels 80 Wp

SOLAR-FLOW™ 900 L

Autonomous solar-powered drinker with one battery. The pump is powered by the battery, which is recharged by the solar panel.

The Solar-Flow™ 900 L model pumps up to **2200 litres/day** during the high season. It covers the consumption of a herd of **15 dairy cows or 15 nursing cows with their calves.**

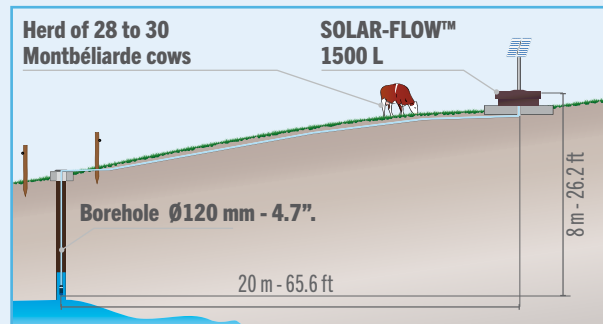
- 900 l. trough (2 x 450) in HDPE (same as 2202). Diameter 1,60 m. (63")
- Pushes the water up to 20 m vertically (more than 200 m horizontally)
- Autonomy: 10 days** without sun, with a daily consumption of 1200 l/day.
- Solar panel 80 Wp, pole and bracket



REF.	DESIGNATION
2201	Complete pack - Solar pump - Two 450 litres (900 litres) drinking troughs - One 12 V battery and one solar panel 80 Wp

EXAMPLE OF INSTALLATION SOLAR-FLOW™ 1500 L

Mr B. SAINT-DIZIER, breeder of Montbéliarde cattle in They-Sous-Montfort (Vosges, France)
Installation date: 04/2006 Farm - pasture distance: 12 km (7.5 Miles)
Pasture season: Approximately 50 days Return on investment: 4 seasons



USER'S OPINION



I was astounded by its output and reliability

BERNARD SAINT-DIZIER, BREEDER OF MONTBÉLIARDE CATTLE IN THEY-SOUS-MONTFORT (VOSGES, FRANCE)

I have been using a Solar-Flow 1500 L since april 2006. As time passed, I was astounded by its output and reliability, which made it earn my confidence. In may 2010, I chose a Solar-Flow 900 L for a group of 18 young cows. I gain a huge amount of time and no longer need to worry about the water supply. It is a big relief. The pumps are submerged to a depth of 6-8 m in wells at a distance of some twenty metres from the troughs. No need to worry about the Solar-Flow™ drinkers. Even if the sky is overcast, the troughs are full. The animals are calmer, no longer stand around waiting for the tractor to come and there is no more crowding to get water. Even when I only take into account the fuel savings, tractor wear and gain in time (1 hour a day), my Solar-Flow 900 L will be paid off in 3 seasons.



OUR ADVICE

Have your pump overhauled regularly (every 2 to 5 years depending on the quality of the borehole). LA BUVETTE offers you a fixed rate for pump maintenance. Take advantage of the low season to have your pump overhauled and have it operational by the next high season... Contact your dealer for advice.



SOLAR PUMP SETS



SOLAR-FLOW™ STORAGE



Complete autonomous solar pump set.

The batteries accumulate energy as soon as the luminosity is sufficient.

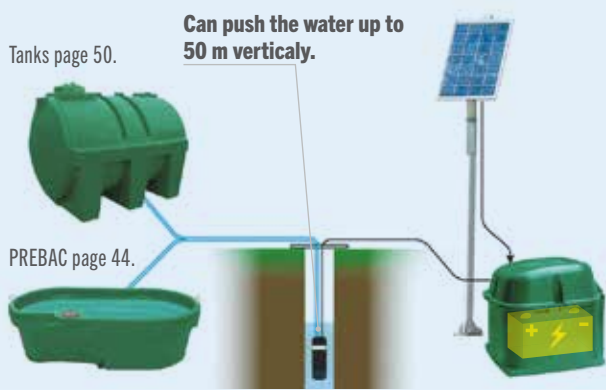
Water level sensors activate and stop the pump to avoid overflow.



Available in 12 volt and 24 volt models.

REF.	DESIGNATION
2285	Solar pump set 12 V «Storage»: With one 80 Wp panel, submerged pump, pole, support, cabinet, 12 V battery, electric cables and 25 m (82 ft) stainless steel cable, 25 m (82 ft) hose and water level sensors
2286	Extension kit to upgrade ref. 2285 to 160Wp/24V: One battery, one 80 Wp panel and two panel mounting crossbars
2287	Solar pump set 24 V «Storage»: With two 80 Wp panels, submerged pump, pole, support, cabinet, two 12 V batteries, electric cables and 50 m (164 ft) stainless steel cable, 50 m hose and water level sensors

DIAGRAM: SOLAR-FLOW™ STORAGE



DID YOU KNOW ?

Read the interactive SOLAR-FLOW™ guide on www.labuvette.com

SOLAR-FLOW™ SOLAR-POWERED



Complete solar pump sets without battery.

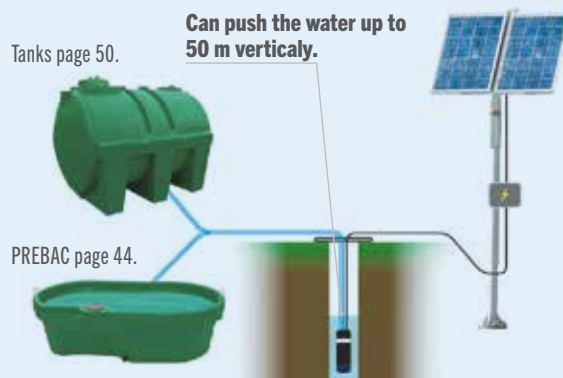
The pump is activated as soon as the luminosity is sufficient



Minimal well diameter: 120 mm (5")
Maxi. immersion depth of the pump: 20 m (65 ft)

REF.	DESIGNATION
2203	Solar pump set 24 V «SOLAR-POWERED» with two 80 Wp panels, submerged pump, pole and supports, 1 24 V booster, 50 m (164 ft) hose, fittings and electric cables

DIAGRAM: SOLAR-FLOW™ SOLAR-POWERED



SOLAR-FLOW™ MODULAR



Customised solar watering system:
Please contact us.



OUR ADVICE

A SOLAR-FLOW™ "Solar-Powered" pumping station does not store the energy. Therefore, you should provide for a water reserve of sufficient capacity in order to cover several very cloudy days in a row.

A storage tank is better than troughs as a means of storage. It shields the water from light and you will not find any drowning animals in it. This prevents algae growth and water contamination. Depending on the immersion depth, a SOLAR-FLOW™ "Solar-Powered" can pump up 160 to 360 litres per hour. Equip the tank with an overflow system to direct the excess water back to its source.

LA BUVETTE®

The Specialist in Livestock Drinking Solutions



Commercial documentation, spare parts, mounting instructions
at your disposal on our web site:
www.labuvette.com

YOUR CONTACTS AT THE OFFICE:



Fanny BLAVIER
Commercial Assistant
France
Tel.: +33 324 52 37 20
f.blavier@labuvette.fr



Diana PREZIOSI
Sales Administration
France & Export
Tel.: +33 324 52 37 23
d.preziosi@labuvette.fr



Élodie COLLINET
Head of Marketing
& Communication
Tel.: +33 324 52 37 22
e.collinet@labuvette.fr



Julien MALLEVAL
Graphic designer
Charged of Communication
Tel.: +33 324 52 37 22
j.malleval@labuvette.fr



David BROSSÉ
Technical-Commercial
Assistant
France & Export
Tel.: +33 324 52 37 21
d.brosse@labuvette.fr



Didier CORNIQUET
Head of After-Sales Service
& Installation Advice
Tel.: +33 324 52 37 27
d.corniquet@labuvette.fr



Arnaud JACQUOT
Installation Advice
France
Tel.: +33 324 52 37 10
a.jacquot@labuvette.fr

YOUR APPROVED DEALER

LA BUVETTE®
The Specialist in Livestock Drinking Solutions



LA BUVETTE SAS - Rue Maurice Périn - Parc d'Activités Ardennes Emeraude
CS 50749 Tournes - 08013 CHARLEVILLE-MEZIÈRES Cedex (France)
Int. +33 324.52.37.23 - Fax +33 324.52.37.24
www.labuvette.com - commercial@labuvette.com
R.C. SEDAN 57 B 50001 - VAT ID.: FR 05 785 270 012.