



ESPRESSO VENDING MACHINE · 100% ENERGY SELF-SUFFICIENT · ZERO CO₂

SUN CAFÉ®

GOLD FROM THE SUN

The world's first espresso machine that is fully self-sufficient in energy. Real freshly-ground bean coffee, served 24/7 — even in the middle of nowhere.

2.5 kWp

BIFACIAL SOLAR + WIND
TURBINE

4 days

WITH NO SUN OR WIND

24/7

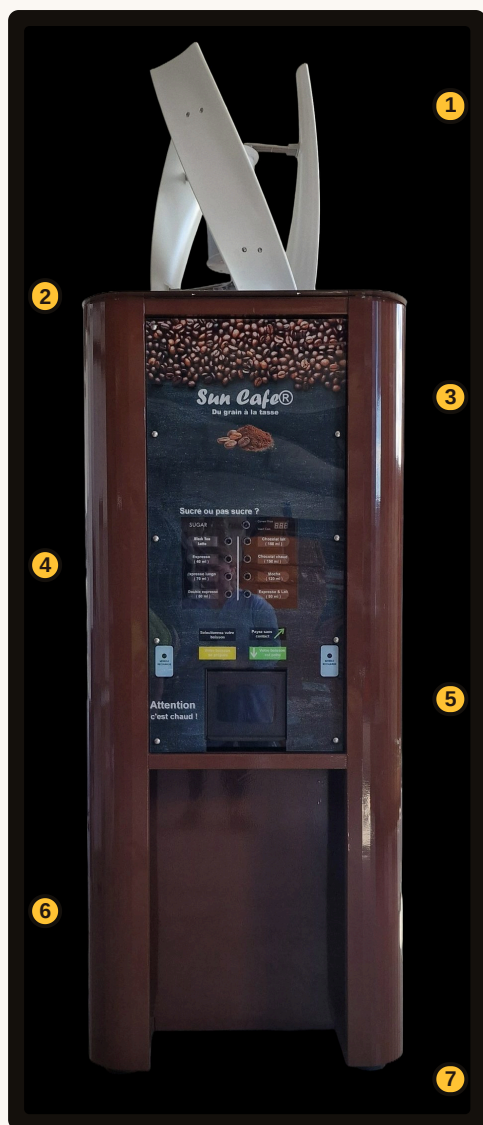
365 DAYS A YEAR

World first

FULL WHEELCHAIR
ACCESS

01 THE MACHINE

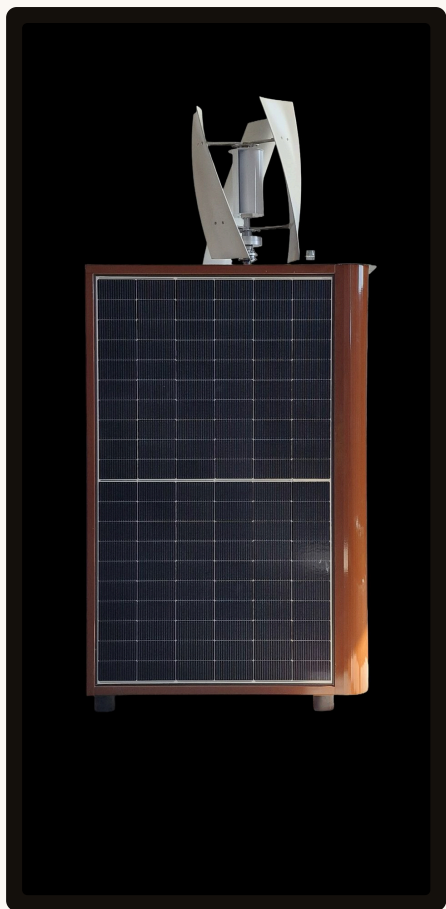
FROM BEAN TO CUP,
WITHOUT A SINGLE PLUG



- 1 **1.5 kW vertical wind turbine** — silent, with automatic braking in high winds. Produces at night and in bad weather.
- 2 **LED canopy** with independent solar lighting and day/night detection.
- 3 **Unbreakable 10 mm Lexan front** — vending unit sealed to a support that is itself sealed to the structure.
- 4 **8 configurable drinks** — your recipes, based on coffee beans, chocolate and tea. Italian grind, high-pressure and high-temperature extraction.
- 5 **100% contactless payment** (MDB level 3): card, smartphone, Apple Pay, QR, subscription cards. Weatherproof USB ports to recharge phones.
- 6 **Full wheelchair access** — **a world first**: open space beneath the kiosk, every operation at seated height. 3-point steel door at the rear.
- 7 **4 large-diameter shock-absorbing feet** — invisible ground anchoring beneath the floor, anti-lift sensor + accelerometer.

SPECIFICATIONS

WEIGHT	≈ 300 kg
COFFEE BEAN CAPACITY	1.5 kg ≈ 190 coffees · Arabica, Robusta or your own blend
CUPS	150 · cardboard · customisable with your brand
WATER	19 – 38 L · BRITA inside® filtration + continuous UV-C treatment
VENTILATION	120 m ³ /h intake + extraction – cools the brewing unit
SERVING HYGIENE	programmable cyclone mixing, no stirrer
MAINTENANCE	1 visit every ≈ 150 drinks · alert before run-out
FINISHES	RAL colour of your choice · custom wrap on request



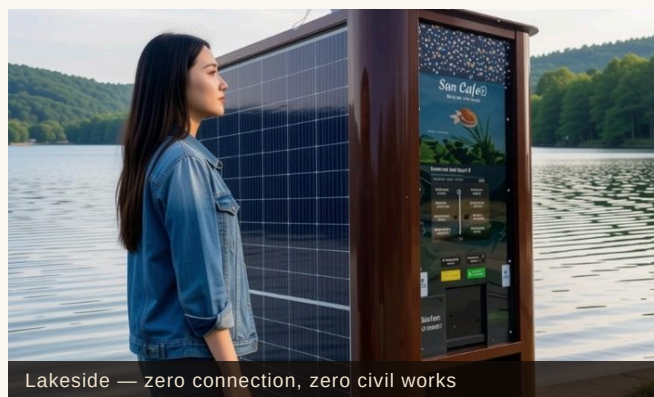
Rear — 2 bifacial panels and vertical wind turbine



Assembled and tested in-house — French craftsmanship



Real-time monitoring — manage your fleet from your smartphone



Lakeside — zero connection, zero civil works

2 × 500 Wp

BIFACIAL SOLAR

Two bifacial panels with individual charge controllers: optimised output even in diffuse light.

1.5 kW

VERTICAL WIND TURBINE

Silent. Controller with braking management in excessively high winds.

5 kWh

LITHIUM BATTERY

4 days of operation with no light or wind. No grid outage can stop the machine.

MONITORING — UNLIMITED FLEET

- 4G/5G telemetry, real-time sales
- Recipes and prices managed by you
- Consumption analysis: water, coffee, milk, cups
- Optimised maintenance rounds
- Direct payment to your account
- Level & intrusion alarms, daily reporting
- Remote updates

MOBILITY — A POINT OF SALE THAT FOLLOWS THE SEASONS

- Anchoring unlockable from the inside only
- Relocated in a few minutes
- Moved by pallet truck — built-in anti-pallet-truck security
- Dedicated low-loader trailer or tail-lift van for hire

03 LOCATIONS

WHERE THE GRID STOPS,
YOUR REVENUE BEGINS

The Sun Café® goes anywhere there is footfall — and above all where bringing in power is impossible or too costly:

- | | | |
|-----------------------------|----------------------------|-------------------------|
| — Campsites | — Markets & squares | — Theme parks |
| — Beaches & riverbanks | — Rest areas & truck stops | — Long-term worksites |
| — Ports & promenades | — Motorhome areas | — Company car parks |
| — Ski resorts & snow fronts | — Cycle-tourism routes | — Village centres |
| — Festivals & funfairs | — Wildlife parks & zoos | — Campuses & forecourts |



Village square — bringing coffee back to the town centre, no civil works



Truck stop — an espresso for the night shift

25–40 coffees/day

That's all it takes, on a permanent site, to pay off the machine in under a year — restocking cost included. And at a well-chosen event (France holds ≈ 7,300 festivals a year), the potential climbs even higher. **Free, tailored profitability study for your location — reply within 48 h.**

Come and see it in action. The demo unit runs every day in Pont-de-Claix, near Grenoble — visit by appointment, coffee on us. Demonstration also available by video call, live in front of the machine.

Specifications subject to change — Neo Kiosk® is a brand of the Smart City Led group, active since 2015. Designed, drawn and prototyped between Brittany (France) and Bulgaria. UCT document · July 2026 · ref. SC-2026-EN.