



Product visualisation

Modernité
By CarbonFutureX® Group



UK x JAPAN

DESIGN COLLABORATION



SOLAR-POWERED ILLUMINATED SIGNAGE

Solar A-Board

Visible by day. Illuminated by night.

British design

Designed in Britain.

Japanese lean

manufacturing principles

A shared focus on quality.

Global supply chain

International manufacturing and supply network.

UK-Japan collaboration, guided by quality and continuous improvement.

01 Integrated solar

87 W rated PV power*.

Solar generation with battery storage.

02 Day-to-night display

Solar charging by day. Light after dark.

No plug-in charging required.†

03 Freestanding design

Flexible positioning for indoor and outdoor settings.

04 Make it your own

Custom branding and easy poster replacement for your next campaign.

*Calculated reference rating. See reverse for conditions.

SOLAR / VISIBILITY / YOUR BRAND

modernite.co.uk/illuminated-a-board

One sign. Two identities.



Simple poster replacement

1. Open



Open the side frame.

2. Insert



Feed the poster into the guide.

3. Slide down



Slide down until fully seated.

4. Close



Close securely; check it is flat.

Dimensions & construction

Overall size (H × W × D)	1005 × 606 × 50 mm
Net weight	26.25 kg
PV glass (H × W × T)	800 × 600 × 6.9 mm
Main face glass weight	8 kg
Secondary face glass weight	8 kg
Glass angle: per face / total	15° / 30°
Poster size (H × W)	800 × 600 mm
Protection	IP65
Application	Indoor / outdoor
Custom branding	Available

Power & illumination

Rated PV power*	87 W
Main face PV power	79.5 Wp
Secondary face PV power	55.7 Wp
Total PV peak power**	135.2 Wp
LED luminous flux	2,800 lm
Charging	Solar charging
Power supply	Solar / lithium battery
Battery voltage	12 V
Battery capacity	15 Ah (15,000 mAh)
Charge protection voltage	12.6 V
Charge protection current	10 A

* Rated PV power is calculated using the IEC 61215-1:2021 BNPI reference irradiance conditions: 1,000 W/m² on the main face and 135 W/m² on the opposing face. $79.5 + (55.7 \times 0.135) \approx 87 \text{ W}$.

** Total PV peak power is the sum of the individual face ratings: $79.5 + 55.7 = 135.2 \text{ Wp}$.

Actual output varies with irradiance, orientation, temperature and system losses.

† Solar-powered operation depends on available sunlight and lighting duration.

British design. Japanese lean thinking.

Working with Japanese partners through a shared lean manufacturing approach.

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VIEW PRODUCT

