



Consumer unit M · PV + EV · flush-mounted

Single-storey house up to about 150 m², with solar PV and an EV charger in one board.

PLN 10,627.20

incl. 23% VAT · PLN 8,640.00 excl. VAT · excluding delivery

Some items have a preliminary price (new in our range) — we will confirm it when we check your order.

16 circuits. Solar PV (inverter section, DC combiner box, battery section) and an 11 kW charger with a Type B RCD. The devices don't fit in enclosure M, so the consumer unit is built in enclosure XL (6 rows of DIN rail) — the same number of circuits, more spare space.

MOUNTING AND DIMENSIONS

Mounting	flush-mounted — back box built into the wall, frame with door
Wall opening	320 × 945 mm, depth 100 mm
Minimum wall thickness	120 mm
Frame with door (visible)	350 × 975 mm

Approximate dimensions — we confirm them against the data sheet of the selected enclosure in the order confirmation (before you cut the recess).



CONTENTS

DIN rail 54 / 72 modules · 6 rows · enclosure XL

Main switch, surge protection device, phase indicators, N/PE terminal bars	9 mod.
4-pole residual current devices (RCDs) × 4	16 mod.
Circuit breakers (MCBs) × 16 (sockets, lighting, appliances)	16 mod.
Flush-mounted enclosure (back box for building into the wall, frame with door)	—
Solar PV — inverter AC section	3 mod.
Solar PV — DC combiner box, 2 MPPT — separate enclosure: Solar PV — DC combiner box, 2 MPPT — IP65	—
Home battery — battery / hybrid inverter section	3 mod.
EV charging — 11 kW	7 mod.
Type B RCD for the charger	—

SPECIFICATIONS

DIN modules: **54 used of 72 (spare 18)**

Circuits: **16 (max. 40 in this enclosure)**

Residual current devices (RCDs): **4 × 4-pole, 30 mA**

Surge protection device (SPD): **T1+T2**

Lead time: 5–10 working days from receipt of the deposit.

Included: wiring diagram, circuit chart, test report, EU declaration of conformity, 24-month warranty. Built to EN 61439-3 (PN-EN 61439-3). Technical documents are issued in Polish.

<https://svalcon.broke-it.net/en/products/m-pv-ev?mounting=flush>