



Consumer unit S · PV + EV · flush-mounted

Flat or small house up to about 80 m² with one kitchen, with solar PV and an EV charger in one board.

PLN 8,819.10

incl. 23% VAT · PLN 7,170.00 excl. VAT · excluding delivery

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

10 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 S, so the consumer unit is built in enclosure L (4 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 × 695 mm, depth 100 mm
Minimum wall thickness	120 mm
Frame with door (visible)	350 × 725 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 44 / 48 modules · 4 rows · enclosure L

Main switch, surge protection device, phase indicators, N/PE terminal bars	9 mod.
4-pole residual current devices (RCDs) × 3	12 mod.
Circuit breakers (MCBs) × 10 (sockets, lighting, appliances)	10 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: **44 used of 48 (spare 4)**

Circuits: **10 (max. 26 in this enclosure)**

Residual current devices (RCDs): **3 × 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/s-pv-ev?mounting=flush>