

Plug-Type 2-Output Power Adapter

Plug-type variant · 2 outputs · short-circuit protected · 6 wattages

Doc code: PVS-SGS-DAT-PD-PJD · Rev 1.0 · Issued 2026-05-06 · Classification INTERNAL DRAFT

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	AC 110 / 220 V (auto-range)
INPUT FREQUENCY	50 / 60 Hz
OUTPUT VOLTAGE	AC 48 V or AC 60 V FIXED (customer-selectable at order)
OUTPUT WATTAGE	40 W · 50 W · 100 W · 200 W · 300 W · 400 W per output (six SKUs)
CHANNELS	2 outputs (drive 2 panels from one transformer)
VARIABLE TRANSPARENCY	Not supported (on/off only)
CONTROL — MANUAL	Wired wall switch (mains side)
CONTROL — REMOTE	RF remote, multi-button
CONTROL — HA / BMS	Schneider RXM2AB1P7 (230 VAC) or RXM2AB1BD (24 VDC) on SWITCH terminals — see HA Annex Rev 3.4
ENCLOSURE	Aluminium chassis, indoor, ventilation slots
IP RATING	IP20
AMBIENT (operating)	-10 °C to +60 °C
PROTECTION	Short-circuit (LED green = normal · red = fault)
POWER-ON DEFAULT	Off → opaque (panel returns to opaque on power loss)
DIMENSIONS (W×D×H mm)	200 × 80 × 45 (typical, varies by wattage) [VERIFY]
WEIGHT	≈ 0.6–1.0 kg [VERIFY]
APPROVALS	CE · UKCA · IEC 60364 wiring compliance
WARRANTY	24 months (drive)
LEAD TIME	5–10 working days UK · 14–21 working days GCC
PER-FAMILY MANUAL	PVS-SGS-MAN-PJD-01 Rev 3.3 (Strict International) · PVS-SGS-MAN-PJD-UAE-01 (UAE Local Market) · PVS-SGS-ANX-PJD-HA-01 Rev 3.4 (HA Integration Annex)

TYPICAL APPLICATIONS

Hotel rooms with two adjacent panels · clinics · residential master-bath + ensuite pair · open-plan partitions · meeting rooms with two-panel divider.

NOTES

- [VERIFY] markers identify supplier-quoted values not yet independently re-tested by PRIVASEE.
- PDLC operates with low-voltage AC. Never connect to DC mains. (LP-002)
- TOSSEAL 381 is the only approved silicone for PRIVASEE smart-glass installations. (LP-003)
- For comparative selection across families, see PVS-SGS-CAT-PD-01 Power Drive Catalogue.
- Installation by a licensed electrician using the per-family manual cited above. PRIVASEE does not authorise site work from this datasheet alone.