

6-Channel Multi-Panel Power Drive

6 independent outputs · cascade port · feature-glazing chassis

Doc code: PVS-SGS-DAT-PD-DZ6L · Rev 1.0 · Issued 2026-05-06 · Classification INTERNAL DRAFT

TECHNICAL SPECIFICATIONS	
INPUT VOLTAGE	AC 220 V
INPUT FREQUENCY	50 / 60 Hz
OUTPUT VOLTAGE	AC 48 V or 60 V × 6 independent channels (customer-selectable at order)
OUTPUT WATTAGE	Up to 200 W per channel · ≤ 1200 W total
CHANNELS	6 independent outputs (each separately switchable)
VARIABLE TRANSPARENCY	Not supported (on/off per channel)
CONTROL — MANUAL	6-button wired keypad (low voltage)
CONTROL — REMOTE	6-button RF remote
CONTROL — HA / BMS	6 × Schneider RXM2AB1P7 relays — one per SWITCH terminal pair · cascade RS-485 to extend
ENCLOSURE	Aluminium DIN-mountable chassis, indoor
IP RATING	IP20
AMBIENT (operating)	-10 °C to +50 °C
PROTECTION	Per-channel short-circuit (LED indicator per channel)
POWER-ON DEFAULT	All channels off → opaque (each panel returns to opaque)
DIMENSIONS (W×D×H mm)	320 × 180 × 95 (DIN 12 modules) [VERIFY]
WEIGHT	≈ 2.4 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 (special-order chassis 4-6 weeks)
PER-FAMILY MANUAL	PVS-SGS-ANX-DZ6L-01 Rev 1.0 (Integration Annex) — full Strict + UAE manuals on roadmap Q3 2026

TYPICAL APPLICATIONS
Conference-room feature walls · large hospitality screens · restaurant private-dining partitions · gallery exhibits · 6-zone privacy art-glass · multi-panel architectural feature glazing.

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.