Allen-Bradley 1606-XLE120E-2

Model: 1606-XLE120E-2
Brand: Allen-Bradley
Series: Bulletin 1606-XL

1606-XLE Essential switched-mode power supply, 24 V DC output, 120 W, 380 ⋯ 480 V AC two-line (L1 – L2 line-to-line) input variant.

—— Hardware ——
Mounting: DIN rail and wall mounting
Output: 24 V DC nominal, adjustable 24⋯28 V DC
Output current: 5 A maximum (120 W); 4.3 A at upper temperature range
DC OK relay contact: present
Connection: screw terminals (input terminals L1, L2; nameplate marked 2AC 380-480 V)
Input circuit protection: 6 A slow-blow fuse; external input fuse min B-6 A or C-3 A
Protection: active inrush current limiter; dynamic 120 % power boost under +45 ° C

Approvals: UL 60950-1 / cUL / CE marked (per official Bulletin 1606 series standard)
—— Communication ——
Built-in ports: None (no communication interface; DC OK relay signal contact only)
Protocols: None (no communication interface)

—— Electrical ——
Input voltage: 380⋯480 V AC nominal, two-line L1 – L2 connection (rated 380 V AC at 50/60 Hz; nameplate marked 2AC)
Output voltage: 24 V DC nominal, adjustable 24⋯28 V DC
Output current: 5 A maximum (5⋯4.3 A range)
Rated power: 120 W
Efficiency: 90.4 % typical
Power losses: 12.7 W typical
Power factor: 0.45 typical
Input inrush current: 4 A/4 A typical

—— Environmental ——
Operating temperature: -25 to +70 ° C
Storage temperature: -25 ° C (lower bound published; full range not published numerically on product page)
Relative humidity: 5 to 95 %
Protection rating: IP20

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—— Physical ——

Dimensions (H × W × D): 124 × 40 × 117 mm (unit body)

Weight: 0.50 kg

—— Lifecycle ——

Current: Active on official Rockwell product page (Last verified: 2026-10)

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