# Allen-Bradley 1606-XLS480E-3

Model: 1606-XLS480E-3
Brand: Allen-Bradley
Series: Bulletin 1606-XL

1606-XLS Performance switched-mode power supply, 24 V DC output, 480 W, three-phase AC input.

—— Hardware ——
Mounting: DIN rail and wall mounting
Output: 24…28 V DC nominal, adjustable
Output current: 20 A at 24 V DC maximum (480 W)
DC OK relay contact: present
Connection: spring clamp terminals
Series feature: reserve power (BonusPower), 30 A at 24 V DC typical (4 s); marine ABS/GL/RINA

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, 3-phase nominal at 47…63 Hz (operational DC 450…780 V)
Output voltage: 24…28 V DC nominal, adjustable
Output current: 20 A at 24 V DC maximum
Rated power: 480 W
Efficiency: 95.0 % typical
Power factor: 0.94 typical
Power losses: 25.3 W typical
Hold-up time: 19 ms typical
Ripple and noise: 100 mV maximum

—— Environmental ——
Operating temperature: -25 to +70 ° C (derating above +60 ° C)
Storage temperature: -40 to +85 ° C (non-operating, per XLS series product page)
Relative humidity: 5 to 95 %
Protection rating: IP20

—— Physical ——

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www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Dimensions (H × W × D): 124 × 65 × 127 mm (unit body)
Weight: 0.87 kg

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

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