Allen-Bradley 1606-XLS240-UPS

Model: 1606-XLS240-UPS
Brand: Allen-Bradley
Series: Bulletin 1606-XL

1606-XLS DC-UPS (uninterruptible power supply) module, 24 V DC nominal output, for bridge-operation with a 1606-XLS supply; operates with an external 12 V battery.

—— Hardware ——
Mounting: DIN rail mounting
Function: DC-UPS / battery backup module; bridges mains failure via an external 12 V battery (ordered separately); allows 3.9…40 Ah external battery

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

—— Electrical ——
Input voltage: 22.5…30 V DC bus (from connected power supply)
Output voltage: 22.5 … 30 V DC nominal; buffer-mode output regulated to 22.5 V (per 1606-TD002)
Output current: 10 A nominal (per 1606-TD002); Output 1 in normal-mode 15 A, buffer-mode 10 A continuous / 15 A peak (per 1606-TD002)
Output power: 240 W rated; 360 W in normal-mode (per 1606-TD002)
Battery: external 12 V, 3.9…40 Ah allowed range (per 1606-TD002)
Internal current consumption (incl. charging current): 1.3 A (per 1606-TD002)
Charging time: Not published by manufacturer (depends on selected external battery Ah; per 1606-TD002)
Buffer time: Not published by manufacturer (depends on selected external battery Ah; per 1606-TD002)

—— Environmental ——
Operating temperature: -25...+70 ° C (per 1606-TD002)
Storage temperature: -40...+85 ° C (per PULS OEM counterpart UB10.241, hardware-identical DC-UPS module; not a Rockwell-published value)
Relative humidity: 5...95 % r.H. non-condensing (per PULS OEM counterpart UB10.241; not a Rockwell-published value)
Protection rating: IP20 (per Bulletin 1606 switched-mode power supply series standard; DIN-rail

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open-frame construction)

—— Physical ——

Dimensions (H × W × D): 124 × 49 × 117 mm (converted from W × H × D 49 × 124 × 117 per 1606-TD002)

Weight: 530 g (per 1606-TD002)

—— Lifecycle ——

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

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