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Data Sheet

August 13, 2026

ROCKWELL / ALLEN-BRADLEY

Rockwell / Allen-Bradley 6189V-1ACPS AC Power Supply

Manufacturer: Allen-Bradley / Rockwell Automation Instrument Type: Industrial PC AC-DC Adapter Series: 6189V industrial computer accessories Alias: 6189V-1ACPS; 6189V-ACPS; 6189V1ACPS Instrument Type: Industrial PC AC-DC Adapter Series: 6189V industrial computer accessories Alias: 6189V-1ACPS; 6189V-ACPS; 6189V1ACPS RA Title: Industrial PC Accessory AC-DC Adapter



MODEL

Rockwell / Allen-Bradley 6189V-1ACPS

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

6189V-1ACPS

LISTING

<https://aumictechlabs.com/products/6189v-1acps-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Rockwell/Allen-Bradley 6189V-1ACPS is an external AC-DC power adapter engineered to supply regulated DC power to 6181P/F Series E Standard Model Integrated Display Computers in industrial automation environments. This unit converts universal AC input to multiple isolated DC outputs, delivering stable power conversion for sensitive control and display electronics. Technical Specifications Input Specifications Input voltage: 100–240 V AC Input frequency: 47–63 Hz Input current: 4 A Output Specifications Output power: 90 W continuous Multiple DC rails: 5 VDC, 12 VDC, and 3.3 VDC outputs Physical Characteristics Form factor: External Weight: 1.96–2.50 lbs

(0.89–1.13 kg) Origin: China Certifications CCC, KCKey Features Wide input voltage range accommodates global 100–240 V AC mains 47–63 Hz input frequency tolerance supports both 50 Hz and 60 Hz line standards External chassis design simplifies mounting and thermal management Multi-output architecture supplies diverse voltage rails from single unit Compact weight profile - under 2.5 lbs - enables integration into space-constrained panel and desktop installationsTypical Applications Primary use is powering Rockwell/Allen-Bradley 6181P/F Series E Standard Model Integrated Display Computers and associated peripheral equipment in manufacturing control systems, process automation, and industrial HMI platforms where regulated, isolated DC power is required.Compatibility & Integration This adapter is specifically designed as an accessory for the 6181 Series integrated display computers. It has the necessary AC-to-DC conversion and voltage regulation these systems require for reliable operation across variable industrial power conditions.

Features & description

From manufacturer datasheet

Features

- Industrial PC AC-DC accessory adapter

6189V1ACPS Characteristics / Specifications

PARAMETER	VALUE
Model	6189V-1ACPS
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	Industrial PC AC-DC Adapter
Series	6189V industrial computer accessories
Alias	6189V-1ACPS; 6189V-ACPS; 6189V1ACPS
RA Title	Industrial PC Accessory AC-DC Adapter
Selection Guide	VIEW-SG001
Technical Data	6300-TD001
Input Voltage	100 to 240 Vac
Input Frequency	50/60 Hz
Output Rails Listing	3 V, 5 V, -5 V, 12 V, and additional negative rail class on 6189V adapter descriptions
Function	powers compatible Allen-Bradley industrial PCs / panel PCs
Form	AC-DC adapter accessory (notaPLC chassis supply)
Not Compatible	1746 SLC, 1756 ControlLogix, 1769 CompactLogix backplanes
Connector	industrial PC DC input connector per 6189V/6181 publication (confirm pinout on the PC)
Polarity	keyed DC connector class; do not improvise a generic barrel
Agency	ITE/industrial PC adapter listings on the nameplate
Replacement	match 6189V-1ACPS vs later 6300 industrial computer power accessories
Status	confirm lifecycle vs 6300 platform successors
Cooling	adapter convection
Duty	continuous with the paired industrial PC thermal spec
Identity Rule	do not copy 1746-P4 10 A / 70 W SLC ratings
Country	see adapter nameplate

PARAMETER	VALUE
Documentation	VIEW-SG001; 6300-TD001; industrial PC user manual power chapter Notes Accessory densification from RA 6189V-ACPS / 6189V-1ACPS pages (100-240 Vac, industrial PC adapter) and multi-rail listings. Confirm ampere-per-rail on VIEW-SG001 or the brick label. No prices.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
Model	6189V-1ACPS
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	Industrial PC AC-DC Adapter
Specifications	
PARAMETER	VALUE
Series	6189V industrial computer accessories
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PARAMETER	VALUE
Connector	industrial PC DC input connector per 6189V/6181 publication (confirm pinout on the PC)

Specifications

PARAMETER	VALUE
Polarity	keyed DC connector class; do not improviseageneric barrel
Agency	ITE/industrial PC adapter listings on the nameplate
Replacement	match 6189V-1ACPS vs later 6300 industrial computer power accessories

Specifications

PARAMETER	VALUE
Status	confirm lifecycle vs 6300 platform successors
Cooling	adapter convection
Duty	continuous with the paired industrial PC thermal spec

Specifications

PARAMETER	VALUE
Identity Rule	do not copy 1746-P4 10 A / 70 W SLC ratings
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Notes

Accessory densification from RA 6189V-ACPS / 6189V-1ACPS pages (100-240 Vac, industrial PC adapter) and multi-rail listings. Confirm ampere-per-rail on VIEW-SG001 or the brick label. No prices.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.