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Data Sheet

August 15, 2026

COSEL

Cosel ACE900F Modular Power Supply

Cosel ACE900F 900 W Configurable Modular AC-DC Power Supply The Cosel ACE900F is a forced-air cooled modular AC-DC chassis in the ACE series. Cosel Europe basic specifications and the ACE instruction manual rate AC 85 to 264 V single-phase input (DC 120 to 350 V also supported), 900 W chassis power, 6 output-module slots, remote ON/OFF, alarms, and optional medical safety (H). Configurable multi-rail industrial, medical (H option), and ATE systems needing isolated modular outputs from a single universal-input chassis. The Cosel ACE900F is a forced-air cooled modular AC-DC chassis in the ACE series. Cosel Europe basic specifications and the ACE instruction manual rate AC 85 to 264 V single-phase input (DC 120 to 350 V also supported), 900 W chassis power, 6 output-module slots, remote ON/OFF, alarms, and optional medical safety (H). Configurable multi-rail industrial, medical (H option), and ATE systems needing isolated modular outputs from a single universal-input chassis. Modular slot architecture with series and parallel bus-bar codes



MODEL

Cosel ACE900F

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ACE900F

LISTING

<https://aumictechlabs.com/products/ace900f-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Cosel ACE900F is a modular power supply engineered for industrial and medical applications requiring flexible, configurable output architectures. This chassis-based system delivers up to 900 W across multiple plug-in output modules, enabling customized voltage and current

combinations tailored to specific system demands. Built around a modular design, the ACE900F accepts multiple DC output voltage modules in dedicated slots, with each configuration determined by the selected modules and chassis specifications. The supply operates from AC input (100-240 VAC, 50/60 Hz typical) and includes integrated protection - overcurrent (OCP), overvoltage (OVP), and over-temperature (OTP) - to safeguard connected loads. Forced air cooling maintains thermal stability across sustained operation, while status indicators provide real-time visibility into power and fault conditions. Optional communication interfaces, such as PMBus, are available on compatible configurations for remote monitoring and control.

Technical Specifications
Input: AC, 100-240 VAC, 50/60 Hz (region and module dependent)
Output Power: Configurable up to 900 W
Output Voltage: Multiple DC voltage options via plug-in modules; specific values determined by selected modules
Output Current: Module-dependent; total capacity limited by chassis and installed modules
Efficiency: High efficiency (module-dependent); reduces heat generation and power consumption
Harmonic Distortion: IEC 61000-3-2 compliant
Protection: Overcurrent (OCP), overvoltage (OVP), over-temperature (OTP)
Cooling: Forced air with internal fans
Communication: Optional PMBus (configuration-dependent)

Key Features
Modular output architecture with multiple slot configuration
Remote ON/OFF control for external management
LED status indicators for operational and fault monitoring
Compact form factor for system integration
Low harmonic distortion compliance
Typical Applications
Industrial control and instrumentation
Medical diagnostic and therapeutic equipment
Complex multi-voltage system integration

Compatibility & Integration
The ACE900F accepts standard DC output modules across dedicated slots, allowing engineers to configure voltage and current specifications on a per-application basis. Chassis or panel mounting options accommodate diverse installation geometries, while optional PMBus support enables network-based power management in larger systems.

Features & description

From manufacturer datasheet

Built-in forced cooling fan

Remote ON/OFF via AUX and RC terminals PR and LV alarm outputs IEC61000-3-2 harmonic attenuator compliance Technical Specifications Model: ACE900F Instrument Type: Configurable modular AC-DC power supply chassis Rated Output Wattage: 900 W Number Of Output Slots: 6 Input Voltage Ac: AC 85 to 264 V 1-phase Input Voltage Dc: DC 120 to 350 V Safety Standard Input Range: AC 100 to 240 V 50/60 Hz Available Module Voltages: 2 V 3.3 V 5 V 7.5 V 12 V 15 V 18 V 24 V 34 V 48 V and dual and bipolar sets per Cosel module table Minimum Slots Populated: 2 Cooling Method: Forced cooling built-in fan Case Size WxHxD: 177.5 × 63.5 × 254 mm Overcurrent Protection Threshold: over 105 percent of rated current or over 101 percent of peak current automatic recovery Remote Sense Line Drop Limit: less than 0.3 V Remote On Off Turn On: SW open 0 to 0.5 V between RC plus and RC minus Remote On Off Turn Off: SW close 12 V between RC plus and RC minus Alarm Functions: PR abnormal input or fan and LV abnormal module voltage Isolation MedicalHInput To Output: AC 4000 V 1 minute cutoff 10 mA Leakage Current MedicalHAt 100 Vac: 0.3 mA maximum Leakage Current MedicalHAt 230 Vac: 0.5 mA maximum Conducted Noise Medical H: FCC-A VCCI-A CISPR22-A EN55022-A

ACE900F Characteristics / Specifications

PARAMETER	VALUE
Model	ACE900F
Instrument Type	Configurable modular AC-DC power supply chassis
Rated Output Wattage	900 W
Number Of Output Slots	6
Input Voltage Ac	AC 85 to 264 V 1-phase
Input Voltage Dc	DC 120 to 350 V
Safety Standard Input Range	AC 100 to 240 V 50/60 Hz
Available Module Voltages	2 V 3.3 V 5 V 7.5 V 12 V 15 V 18 V 24 V 34 V 48 V and dual and bipolar sets per Cosel module table
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Cooling Method	Forced cooling built-in fan
Case Size WxHxD	177.5 × 63.5 × 254 mm
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Remote On Off Turn On	SW open 0 to 0.5 V between RC plus and RC minus
Remote On Off Turn Off	SW close 12 V between RC plus and RC minus
Alarm Functions	PR abnormal input or fan and LV abnormal module voltage
Isolation MedicalHInput To Output	AC 4000 V 1 minute cutoff 10 mA
Leakage Current MedicalHAt 100 Vac	0.3 mA maximum
Leakage Current MedicalHAt 230 Vac	0.5 mA maximum
Conducted Noise Medical H	FCC-A VCCI-A CISPR22-A EN55022-A
Harmonic Attenuator	complies with IEC61000-3-2
Instantaneous Dip Support Input	70 VAC or 100 VDC duty 1 s per 30 s
Instantaneous Dip Support Output Power	720 W
Parallel Current Derating	10 percent when modules paralleled per OEM note

PARAMETER	VALUE
Series Operation Max Rated Voltage	48 V total
Safety Approvals	UL60950-1 C-UL CSA60950-1 EN62368-1 DEN-AN UL60601-1 EN60601-1 H option

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 and the ACE instruction manual rate AC 85 to 264 V single-phase input (DC 120 to 350 V also supported), 900 W chassis power, 6 output-module slots, remote ON/OFF, alarms, and optional medical safety (H).

Applications

Configurable multi-rail industrial, medical (H option), and ATE systems needing isolated modular outputs from a single universal-input chassis.

Key Features

Modular slot architecture with series and parallel bus-bar codes

Built-in forced cooling fan

Remote ON/OFF via AUX and RC terminals

PR and LV alarm outputs

IEC61000-3-2 harmonic attenuator compliance

Technical Specifications

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Series Operation Max Rated Voltage	48 V total
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Notes

From Cosel Europe ACE900F basic specification table and Cosel ACE instruction manual CME_ACE for chassis-level electrical and protection figures. Output module current and ripple belong on the installed module codes; do not invent module-row numbers without the Cosel module table for the configured slots.

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.