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Data Sheet

August 15, 2026

JENAER

Jenaer ECOBRAX-200 Power Supply Unit

Jenaer DC Power Supplies. Voltage: Version A 18–50 VRMS, Current: 1-phase max. 10 A (20 A peak), Voltage: fixed 85 V $\pm$ 2 V (Version A) or 175 V $\pm$ 3 V (Ver.



MODEL

Jenaer ECOBRAX-200

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ECOBRAx-200

LISTING

<https://aumictechlabs.com/products/ecobrax-200-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Jenaer ECOBRAX-200 is a dedicated power supply unit engineered to drive one or more servo amplifiers in industrial and commercial environments. It delivers stable, regulated DC output with selectable input voltage configurations and integrated thermal management via an internal brake chopper. The unit accepts either single-phase or three-phase AC supply and provides configurable chopper voltage modes to accommodate diverse servo system requirements.

Technical Specifications Input Specifications AC supply voltage: Version A 18–50 VRMS, Version B 18–110 VRMS AC supply frequency: 47–63 Hz Supply fuses: three 6.3 × 32 mm slow-acting, 20 A DC link voltage (UZ): Version A 24–70 V, Version B 24–155 V Output Specifications Continuous output current: 1-phase max. 10 A (20 A peak); 3-phase max. 20 A (40 A peak) Continuous output power: 1-phase Version A max. 700 W, Version B max. 1550 W; 3-phase Version A max. 1400 W, Version B max. 3100 W DC link readiness range: Version A 16–80 V, Version B 16–170 V Supply voltage readiness threshold: > 15 Veff Thermal Management Internal ballast resistor: 47 Ω , continuous 40 W max., peak 150 W (Version A) / 650 W (Version B), with 1.6 A slow-acting fuse

External ballast resistor option: 10 Ω minimum, protected by 10 A slow-acting fuse Chopper voltage: fixed 85 V $\pm$ 2 V (Version A) or 175 V $\pm$ 3 V (Version B); floating UZ + 10–15 V Control & Monitoring Readiness DC link voltage and supply voltage outputs Transistor output: max. 5 mA Relay output: 1 A at 24 VDC Monitoring supply: 18–30 VDC Key Features Two version options covering 18–110 VRMS input range Dual-mode chopper configuration for flexible system integration Convection cooling; vertical mounting orientation required Compact footprint: 62 $\times$ 170 $\times$ 240 mm; 1.62 kg IP 20 protection class Operating temperature range 0–40 °C; storage to –40 to 70 °C Non-condensing humidity tolerance 10–90 % Compatibility & Integration The ECOBRAX-200 works with servo amplifier drive applications requiring flexible input voltage adaptation and integrated energy dissipation. Mounting requires 100 mm clearance above and below, 50 mm laterally.

ECOBRAx200 Characteristics / Specifications

PARAMETER	VALUE
Model	ECOBRAx-200
Instrument Type	Servo-system power supply unit
Family	Jenaer ECOBRAx / ECOSTEP 200
Sibling Amplifier	ECOSTEP-200 servo amplifier
Power Class	200-class Jenaer ECOSTEP family
Manufacturer	Jenaer Antriebstechnik
Literature	Jenaer ECOBRAx-200 / ECOSTEP-200 family listings
System Role	DC-bus supply for ECOSTEP amplifiers
Use Case	multi-axis packaging and handling
Mains Class	mains-powered servo supply
Control Class	enable/interlock class servo power
Form Factor	compact ECOBRAx brick
Application Class	digital servo DC bus
Documentation Type	ECOBRAx-200 listing
Brand Lineage	Jenaer Antriebstechnik
Related	ECOSTEP-200
Connector Class	mains, DC bus, enable
Cooling Class	cabinet servo supply
Host Class	ECOSTEP axis rack
Module Class	servo PSU
Year Class	ECOBRAx-200
Ate Class	machine-tool / packaging servo power
Register Class	hardwired enable/interlock
Io Class	DC bus output

ECOBRAx200 Specifications

PARAMETER	VALUE
Applications	DC-bus supply for Jenaer ECOSTEP-200 servo amplifiers in multi-axis machines.
Key Features	ECOBRAx-200 supply for ECOSTEP-200
Technical Specifications	Model: ECOBRAx-200

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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Notes

From Jenaer ECOBRAX-200 / ECOSTEP-200 family listings (200-class supply + amplifier pair). DC-bus voltage, current, and mains VA are on the ECOBRAX-200 nameplate/manual; do not invent them.

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.