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Data Sheet
August 13, 2026

KENWOOD

Kenwood PS36-20

Kenwood PS36-20 Switching DC Power Supply 0 to 36 V 20 A The Kenwood PS36-20 isaPS-series switching CV/CC DC supply, 0 to 36 V and 0 to 20 A (720 W). Type II chassis 140 × 124 x 350.5 mm, about 5.5 kg. Digital 3.5-digit LEDVand I. Family CV ripple 10 mVrms class; line 0.05 percent plus 5 mV; load 0.1 percent plus 5 mV; transient 1 ms; rise/fall 80/150 ms full load. CC line/load 0.2 percent plus 5-10 mA class. AC 85-132 / 170-250 Vac 50-60 Hz. OVP trips relay at about 110 percent of rated voltage; OCP 110-130 percent; OTP heatsink about 100 plus/minus 5 C. Forced-air front intake. Operating 0-50 C / 30-80 percent RH. The Kenwood PS36-20 isaPS-series switching CV/CC DC supply, 0 to 36 V and 0 to 20 A (720 W). Type II chassis 140 × 124 × 350.5 mm, about 5.5 kg. Digital 3.5-digit LEDVand I. Family CV ripple 10 mVrms class; line 0.05 percent plus 5 mV; load 0.1 percent plus 5 mV; transient 1 ms; rise/fall 80/150 ms full load. CC line/load 0.2 percent plus 5-10 mA class. AC 85-132 / 170-250 Vac 50-60 Hz. OVP trips relay at about 110 percent of rated voltage; OCP 110-130 percent; OTP heatsink about 100 plus/minus 5 C. Forced-air front intake. Operating 0-50 C / 30-80 percent RH. Instrument Type: Switching DC power supply CV CC

MODEL **Kenwood PS36-20**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **PS36-20**	LISTING **https://aumictechlabs.com/products/ps36-20-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kenwood PS36-20 is a regulated DC power supply delivering 0–36 VDC at 0–20 ADC with up to 720 W output power. This stand-alone unit combines constant voltage and constant current operation modes, making it suitable for laboratory testing, amateur radio, and general electronic development. A temperature-sensitive fan minimizes acoustic noise under light-load conditions, while comprehensive protection circuits - including output over-voltage, over-current, over-heat, and input abnormality detection - safeguard connected equipment. The unit accepts 100 V ±10%, 120 V, 220 V, or 240 V AC input (internally switchable, maximum 250 VAC) at 50/60 Hz and consumes 10 W standby power. Technical Specifications Output Voltage: 0–36 VDC Output Current: 0–20 ADC Output Power: Up to 720 W Input Voltage: 100 V ±10%, 120 V, 220 V, 240 V AC (max 250 VAC), internally switchable Input Frequency: 50/60 Hz Standby Power Consumption: 10 W Dimensions: 70 mm (W) × 124 mm (H) × 351 mm (D) Weight: 2.5 kg Key Features Dual 7-segment red LED displays for voltage and current monitoring Remote and local output on/off switching Remote and local control of output voltage and current Voltage or resistance mode selection for remote control Over-voltage protection with adjustable threshold; halts switching and disables output on violation Over-current protection at approximately 110% rated current; interrupts AC relay and halts switching Over-heat protection; trips relay at heatsink temperature ≈100 ±5 °C Input power abnormality detection with alarm signal output CV/CC mode monitoring output (approximately 0 V to 1/10 rated voltage) Remote voltage sensing capability Temperature-compensated fan motor reduces speed at low load or ambient temperature Compatibility & Integration Optional GP-IB control via GP-600 unit IEEE 488.1-1978 compliance (electrical and mechanical specifications) External voltage or resistance control compatible for remote voltage and current adjustment Typical Applications Amateur radio equipment testing, laboratory bench power, prototype development, and electronic circuit validation requiring adjustable voltage and current with fail-safe protection.

PS36 Characteristics / Specifications

PARAMETER	VALUE
Model	PS36-20
Manufacturer	Kenwood
Instrument Type	Switching DC power supply CV CC
Series	PS
Alias	PS 36-20; PS36-20
Output Voltage	0 to 36 V
Output Current	0 to 20 A
Output Power	720 W
Ripple CV Class	10 mVrms
Line Regulation CV	0.05 percent plus 5 mV
Load Regulation CV	0.1 percent plus 5 mV
Transient Response	1 ms
Rise Fall Full Load	80 / 150 ms
CC Line Load Class	0.2 percent plus 5 to 10 mA
Chassis Type	II
Outline Type II	140 (W) x 124 (H) x 350.5 (D) mm
Weight	approx 5.5 kg
AC Input	85 to 132 V / 170 to 250 V 50 to 60 Hz
Voltmeter	3.5 digit red LED 0.1 percent rdg plus 2 digits (23 plus/minus 5 C)
Ammeter	3.5 digit red LED 0.5 percent rdg plus 3 digits (23 plus/minus 5 C)
Voltmeter Tempco	plus/minus 100 ppm per C (0 to 50 C)
Ammeter Tempco	plus/minus 200 ppm per C (0 to 50 C)
OVP	relay at about 110 percent of rated voltage
OCP	relay at about 110 to 130 percent of rated current
OTP	relay at heatsink about 100 plus/minus 5 C

PARAMETER	VALUE
Thermal Fuse	built in
Cooling	forced air front intake
Operating Temperature	0 to 50 C
Operating Humidity	30 to 80 percent RH
Storage Temperature	-20 to 70 C
Related PS36	PS36-30 Type III 0-30 A 1080 W 7.0 kg
Form	PS Type II switching
Status	Kenwood PS 36 V 20 A Notes
Humidity	30 to 80 percent RH

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20 to 70 C
Operating temperature	0 to 50 C
Operating Temperature	0 to 50 C
Humidity	30 to 80 percent RH
Operating Humidity	30 to 80 percent RH
Related PS36	PS36-30 Type III 0-30 A 1080 W 7.0 kg
Form	PS Type II switching
Status	Kenwood PS 36 V 20 A Notes

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

Specifications

PARAMETER	VALUE
Model	PS36-20
Manufacturer	Kenwood
Instrument Type	Switching DC power supply CV CC

Specifications

PARAMETER	VALUE
Series	PS
Alias	PS 36-20; PS36-20
Output Voltage	0 to 36 V

Specifications

PARAMETER	VALUE
Output Current	0 to 20 A
Output Power	720 W
Ripple CV Class	10 mVrms

Specifications

PARAMETER	VALUE
Line Regulation CV	0.05 percent plus 5 mV
Load Regulation CV	0.1 percent plus 5 mV
Transient Response	1 ms

Specifications

PARAMETER	VALUE
Rise Fall Full Load	80 / 150 ms
CC Line Load Class	0.2 percent plus 5 to 10 mA
Chassis Type	II

Specifications

PARAMETER	VALUE
Outline Type II	140 (W) x 124 (H) x 350.5 (D) mm
Weight	approx 5.5 kg
AC Input	85 to 132 V / 170 to 250 V 50 to 60 Hz

Specifications

PARAMETER	VALUE
Voltmeter	3.5 digit red LED 0.1 percent rdg plus 2 digits (23 plus/minus 5 C)
Ammeter	3.5 digit red LED 0.5 percent rdg plus 3 digits (23 plus/minus 5 C)
Voltmeter Tempco	plus/minus 100 ppm per C (0 to 50 C)

Specifications

PARAMETER	VALUE
Ammeter Tempco	plus/minus 200 ppm per C (0 to 50 C)
OVP	relay at about 110 percent of rated voltage
OCP	relay at about 110 to 130 percent of rated current

Specifications

PARAMETER	VALUE
OTP	relay at heatsink about 100 plus/minus 5 C
Thermal Fuse	built in
Cooling	forced air front intake

Specifications

PARAMETER	VALUE
Operating Temperature	0 to 50 C
Operating Humidity	30 to 80 percent RH
Storage Temperature	-20 to 70 C

Specifications

PARAMETER	VALUE
Related PS36 10	PS36-10 Type I 0-10 A 360 W 3.0 kg
Related PS36 30	PS36-30 Type III 0-30 A 1080 W 7.0 kg
Form	PS Type II switching

Status: Kenwood PS 36 V 20 A

Notes

Specs from Kenwood PS-series table (PS36-20: 0-36 V, 0-20 A, Type II, 5.5 kg) and PS common items (meters, OVP/OCP/OTP, 85-132/170-250 Vac). Confirm Type II chassis and 100/200 V range.

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

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