

**Aumictech**

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**Data Sheet**

August 1, 2026

XANTREX XKW

# Xantrex XKW 80-13 DC Power Supply

Operate within marked AC input ratings for the installed unit. Observe wire gauge for 13 A continuous output. Use remote sense within the published compensation range. Follow manufacturer guidelines when paralleling or series-stacking units. Confirm front-panel and rear-panel option cards (GPIB, isolated interface) on the specific chassis. Do not confuse with the XKW 80-37 (80 V / 37 A / 3 kW class). LabVIEW drivers were historically available for the XKW family. Confirm front-panel and rear-panel option cards (GPIB, isolated interface) on the specific chassis. Do not confuse with the XKW 80-37 (80 V / 37 A / 3 kW class). LabVIEW drivers were historically available for the XKW family.

No photo

MODEL

**Xantrex XKW 80-13**

CALIBRATION

**N/A — off-catalog  
OEM datasheet**

CONDITION

**See OEM  
documentation**

STATUS

**Not listed on  
Aumictech  
inventory**

RFQ / SKU

**80-13**

LISTING

**Off-catalog — OEM dat  
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

## Features & description

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From manufacturer datasheet

### Features

- Output: 0 to 80 V, 0 to 13 A (XKW 80-13)
- Power: approximately 1040 W continuous rating (80 V x 13 A); listed by some distributors as 1200 W maximum class
- Constant voltage (CV) or constant current (CC) with automatic crossover and mode indication
- Digital front-panel voltage and current display
- Standard analog programming and monitoring
- Remote sense with line-loss compensation (family typically about 1 V)
- Parallel or series connection of multiple units for higher current or voltage (per XKW guidelines)
- Optional internal GPIB interface; other interface options available on the series
- Protection: OVP, current limit, thermal protection
- Compact 19-inch rack form factor (1U class for 1 kW models)

## 80 Characteristics / Specifications

| PARAMETER          | VALUE                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model              | XKW 80-13 (also written XKW80-13)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Manufacturer       | Xantrex (later Sorensen / AMETEK Programmable Power lineage)                                                                                                                                                                                                                                                                                                                                                                                                     |
| Instrument Type    | Programmable single-output switching DC power supply                                                                                                                                                                                                                                                                                                                                                                                                             |
| Output Voltage     | 0 to 80 V DC                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Output Current     | 0 to 13 A                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Output Power       | approximately 1040 W (product of ratedVand I); up to about 1200 W maximum as listed by some rental/sales catalogs                                                                                                                                                                                                                                                                                                                                                |
| Form Factor        | 19-inch rack; 1U (1.75 in) height typical for XKW 1000 W class                                                                                                                                                                                                                                                                                                                                                                                                   |
| Operating Modes    | CV, CC, automatic crossover                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Programming        | Analog (voltage/current); optional GPIB                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Remote Sense       | Supported (family specification)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Protection         | Overvoltage (OVP), overcurrent / current limit, overtemperature                                                                                                                                                                                                                                                                                                                                                                                                  |
| Approvals (series) | CE, CSA, IEC-type listings as published for XKW XKW Family Context<br>Published XKW lines include approximately 1000 W (1U) and 3000 W (2U) models across many voltage-current combinations (for example XKW 80-37 at 80 V / 37 A / about 2960 W in the 3 kW line). The 80-13 is the lower-current 80 V member of the 1 kW-class set. Series features (PWM switching, analog control, optional GPIB, remote sense, series/parallel capability) apply across XKW. |
| Output             | 0 to 80 V, 0 to 13 A (XKW 80-13)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power              | approximately 1040 W continuous rating (80 V x 13 A); listed by some distributors as 1200 W maximum class                                                                                                                                                                                                                                                                                                                                                        |

# 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                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
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| Manufacturer       | Xantrex (later Sorensen / AMETEK Programmable Power lineage)                                                      |
| Instrument Type    | Programmable single-output switching DC power supply                                                              |
| Output Voltage     | 0 to 80 V DC                                                                                                      |
| Output Current     | 0 to 13 A                                                                                                         |
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| Form Factor        | 19-inch rack; 1U (1.75 in) height typical for XKW 1000 W class                                                    |
| Operating Modes    | CV, CC, automatic crossover                                                                                       |
| Programming        | Analog (voltage/current); optional GPIB                                                                           |
| Remote Sense       | Supported (family specification)                                                                                  |
| Protection         | Overvoltage (OVP), overcurrent / current limit, overtemperature                                                   |
| Approvals (series) | CE, CSA, IEC-type listings as published for XKW                                                                   |

XKW Family Context

Published XKW lines include approximately 1000 W (1U) and 3000 W (2U) models across many voltage-current combinations (for example XKW 80-37 at 80 V / 37 A / about 2960 W in the 3 kW line). The 80-13 is the lower-current 80 V member of the 1 kW-class set. Series features (PWM switching, analog control, optional GPIB, remote sense, series/parallel capability) apply across XKW.

Standard Operating Conditions

Operate within marked AC input ratings for the installed unit. Observe wire gauge for 13 A continuous output. Use remote sense within the published compensation range. Follow manufacturer guidelines when paralleling or series-stacking units.

Operational Notes

Confirm front-panel and rear-panel option cards (GPIB, isolated interface) on the specific chassis. Do not confuse with the XKW 80-37 (80 V / 37 A / 3 kW class). LabVIEW drivers were historically available for the XKW family.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: [sales@aumictech.com](mailto: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.