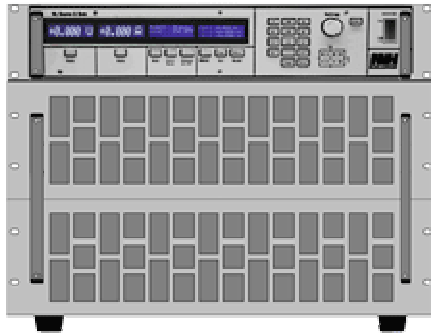


DATASHEET 1311-U-1V26C60

Output:

- Voltage: -1 V ... 26 V
- Current: -60 A ... 60 A
- Power: 1560 W



The specified accuracies refer to an ambient temperature of 25°C ±5°C.

The specified accuracies are valid when the unit is connected to undisturbed voltages (Ripple and Noise <0.1%). At voltages with higher disturbance values the accuracy can change for the worse.

Accuracy of Setting

| | of setting | of corresponding range |
|---------------------|------------|------------------------|
| Voltage | ±0.1% | ±0.05% |
| Current | ±0.2% | ±0.05% |
| Voltage Limitation | ±0.1% | ±0.05% |
| Current Limitation | ±0.2% | ±0.05% |
| Resolution Setting | | 16 Bit |
| Ripple | | ±0.05% RMS of range |
| Load Effect 0-100% | | 0.1% |
| Line Effect AC ±10% | | 0.02% |

Accuracy of Display:

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86932 Pürgen
Germany

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Fax.: +49-8196-9988-77
Email: info@heidenpower.com
www.heidenpower.com

| | of measured value (real value) | of corresponding range |
|------------|--|------------------------|
| Voltage | ±0.1% | ±0.05% |
| Current | ±0.2% | ±0.05% |
| Resistance | Quotient of voltage and current | |
| Power | Product of voltage and current | |

**Accuracy of Analog Programming:
-5V ... 0 ... 5V / -10V ... 0 ... 10V for Current, Voltage**

| | of setting | of corresponding range |
|---|--------------|------------------------|
| Voltage | ±0.2% | ±0.15% |
| Current | ±0.4% | ±0.15% |
| Voltage Limitation * (upper and lower) | ±0.2% | ±0.15% |
| Current Limitation * (upper and lower) | ±0.4% | ±0.15% |

* only -10V ... 0 ... +10V

Input impedance of the analog inputs: > 10kΩ
GND max. ±2V against negative output terminal¹⁾

**Accuracy of Analog Monitor Outputs:
-10V ... 0 ... 10V for Current, Voltage**

| | of analog signal of the real value | offset voltage |
|---------|---------------------------------------|----------------|
| Voltage | ±0.1% | ±15mV |
| Current | ±0.2% | ±15mV |

GND max. ±2V against negative output terminal¹⁾
Minimum loading capacity 2kΩ

Accuracy of Measurement, Reading via Data Interface:

| | of measured value (real value) | of corresponding range |
|---------|-----------------------------------|---------------------------|
| Voltage | ±0.1% | ±0.05% |

| | | |
|--------------------------------|------------------------------|---------------|
| Current | ±0.2% | ±0.05% |
| Resolution Measurement | 18 Bit | |
| Reading Rate (free running) | 330ms not triggerable | |

Accuracy of Measurement, Reading via Data Interface: NL13 Option

| | | |
|------------------------|--|------------------------------|
| | of measured value (real value) | of corresponding range |
| Voltage | ±0.15% | ±0.07% |
| Current | ±0.3% | ±0.07% |
| Resolution Measurement | 13 Bit | |
| Reading Rate | min. 200µs (in memory) triggerable | |

Power

| | |
|---------------|-------------------------------------|
| Nominal Power | up to $T_A = 21\text{ °C}$ |
| Derating | -1.2% / °C for $T_A > 21\text{ °C}$ |

Input Impedance > 50 kΩ in standby

Operating Temperature 5°C ... 40°C

External Control Functions

- Stand-by
- Trigger input and output
- Mode switching
- Emergency shutdown

Protection Equipment

- Current and voltage limitation
- Over-temperature deactivation

Rise and Fall Time²⁾ **200 µs**

Parallel Operation up to 3 devices in master-slave operation
(hardware-controlled in current mode only)

Cooling Current and temperature-controlled fans

Dimension³⁾, **Weight** **19" / 8 HU, 55 kg**

Mains Supply **230 VAC ± 10%**
50 ... 60Hz

Power Consumption **2550 VA**

Electric Safety DIN EN 61010-1

EMC, CE-Mark DIN EN 61326-1
DIN EN 61000-3-2
DIN EN 61000-3-3

Measuring Device Category CAT I

Permissible Operating Voltages: Negative Output Terminal- Case

±125V DC

**Permissible Operating Voltages:
Analog Interface - Negative Output Terminal**

Standard ±2V DC

with NL06 Option ±125V DC

Colour

Front Panel RAL7032 (pebble grey)

Sides, Lid RAL7037 (stone grey)

1) ±125V with NL06 Option

2) Rise and fall times are defined as 10%...90% and 90%...10% of the maximum current (measured in constant current mode - FAST)

3) 1HU = 44.45mm