

# High Voltage Power Supply HCN 300M-60000

Model:



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**Low And High Voltage  
Power Supplies**

**DIN EN ISO 9001**

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## Features

High voltage power supply with high resolution voltage measurement.  
Better stability and lower residual ripple, reversible output polarity.

## Displays

5dig DVM for high voltage  
3dig DVM for current measurement

## Operation

On the front panel 10-turn potentiometers for high voltage and current  
Fine-tune potentiometer for voltage

## External Operation

Analogprogramming: 0 - 10 V  
Monitor outputs: 0 - 10 V

## Technical Data

Mains connection: 115 V  $\pm 10\%$ , 47 - 63 Hz  
**Output**  
Voltage: 0 - 60 kV reversible polarity  
Current: 0 - 5 mA  
Voltage stability:  $< \pm 1 \times 10^{-5}$  8h from nominal value  
TC:  $< \pm 2 \times 10^{-5} / K$   
Residual ripple:  $< 1 \times 10^{-5}$  pp from nominal value  
Ambient temperature: 0 to 40°C  
Second output to connect an external measurement resistor

## Design

Cabinet: 19" table-top case, 7 HU (310 mm), 550 mm deep, vibration protected  
Weight: 65 kg

All terminals on the rear: Two HV outputs on HVS 65 connectors  
(Connector for second measurement resistor)  
Mains plug  
15pol. SubD-connector for analogprogramming  
Interlock terminal

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