



DESCRIPTION

NEOS-H30 Series is a module type high voltage power supply with up to 15kV output voltage and up to 30W output power. Powered by 24V DC, and allows full range control and monitoring of output voltage and current.

SPECIFICATION

Output Power :

30W maximum at full rated output voltage and current

Output Voltage :

Maximum output voltage for 1kV to 15kV

Output Current :

Up to 30mA for 1kV and 2mA for 15kV, see table

Input Voltage & Current:

24VDC $\pm$ 10% & 2A

Polarity :

Positive or negative to order.

Regulation :

Line regulation : 0.1% $\pm$ 2mV

Load regulation : 0.1% $\pm$ 2mV

Ripple & Noise :

Less than 0.1% Vp-p of rated output voltage

Operation Temperature :

0°C to 50°C

Storage Temperature :

-20°C to 70°C

Humidity :

20% to 85% RH

Mechanical Size :

Dimension : See outline drawing

Weight : 1.2kg

Output cable : High voltage cable, 2m

MODEL SELECTION TABLE

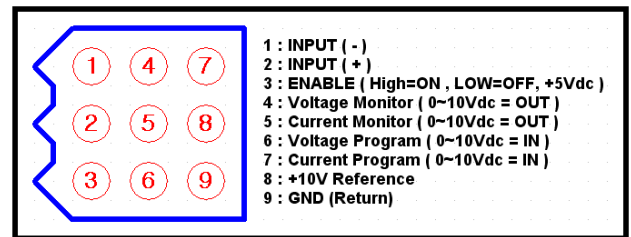
Model No.	Output Voltage	Output Current
NEOS-H30-1k	1kV	30mA
NEOS-H30-5k	5kV	6mA
NEOS-H30-10k	10kV	3mA
NEOS-H30-15k	15kV	2mA

※ Ordering information : NEOS-H30-10k-P → 10kV/3mA Positive

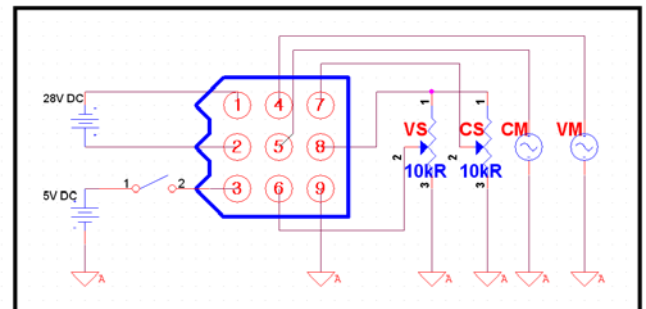
FEATURES

- 30W of Output Power
- Output Voltage from 1kV to 15kV
- Positive or Negative Polarity when Ordering
- Constant Voltage, Constant Current Mode
- External Voltage Control

REMOTE CONTROL INTERFACE



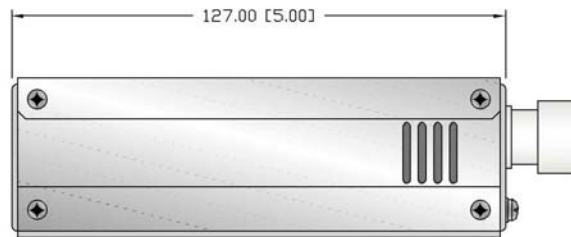
CONNECTION FOR OPERATION



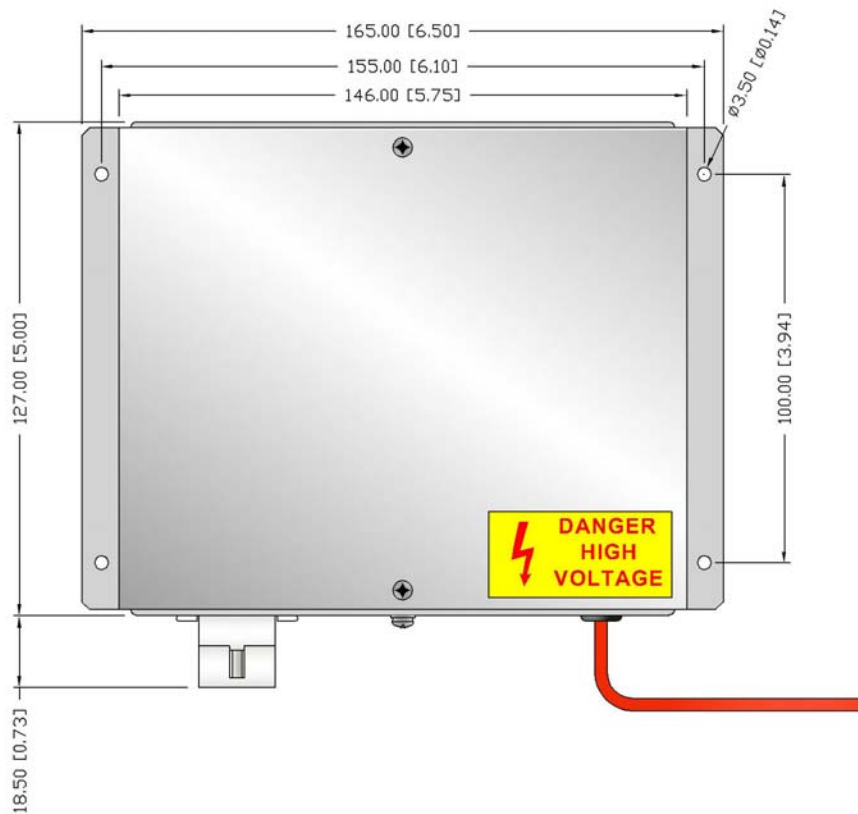
OUTLINE DRAWING

Drawing dimensions are in mm[inches].

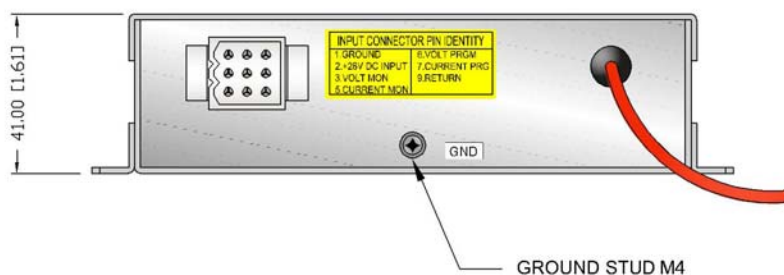
SIDE VIEW



TOP VIEW



FRONT VIEW



Head Office : 103, Seongeun-ri, Wongok-myon, Anseong-si, Gyeonggi-do, Korea

SuNAM Co., Ltd.

Tel : +82-31-655-4336

Fax : +82-31-655-4339

e-mail : neos@i-sunam.com

<http://www.i-sunam.com>