

Linear Regulated High Current power Supply NLN 15000M - 1500

Type:



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**Low and High Voltage
Power Supplies**

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**Power supply
for a low-noise pulsed
power amplifier of a
sonar system.**

Features / Application

Supply for amplifying tubes in a sonar system. The output voltage is fixed to 1500 V. The unit delivers a continuous current of up to 2A. For a period from 0.5 ms to 10 ms the unit is able to deliver up to 10A.

Control / Signalisation

High Voltage On / Off - button and Current limitation potentiometer at the front plate.
3½-digit DVM- displays for output voltage and output current
Status signals for internal and external interlock loop, overtemperature- and overcurrent trip
Reset- button for resetting the status signals and switching on again

Safety functions

Internal and external interlock loop for switching off the unit in case of faulty operation or opening of the safety barriers.
Built-in dump switch for fast discharging the output in case of an error.

Technical data

Mains supply:	400 V \pm 10%, three phase	47 - 63 Hz
Output voltage:	1500 V fixed	
Output current:	0 - 10A adjustable (Pulsed current for max. 10ms), Continuous current max. 2A, Automatic current trip when the average current exceeds 2,5A for longer than 200 ms.	
Voltage deviation:	< 2% voltage drop in pulsed operation automatic trip when the voltage drop exceeds 200V	

Design

Case:	19" rack 37 HU (200 mm), 800 mm deep
Weight:	450 kg