



DOC REF NO.: AX-250804-MUNK-D400-G150-50-WRG-TFKX
Alonex - MUNK D400-G150/50 WRG-TFKX PSP Family Power Supply Unit Open Offer

Created: August 3, 2025
Last updated: August 4, 2025

Commercial Offer for MUNK D400-G150/50 WRG-TFKX PSP Family Power Supply Unit

Dear Friends,

This is an open offer for a compact and easy to transport stand-alone bench rectifier featuring advanced Switching Mode Power Supply technology by MUNK GmbH for high-quality DC power (gamma S), designed for forced air-cooling.

Type: **MUNK D400-G150/50 WRG-TFKX PSP Family Power Supply Unit**

The ready-to-go rectifier is equipped with a clearly arranged digital display and potentiometers built in the front for adjustment. Another outstanding feature is the constant low ripple of less than 3%, which provides excellent DC quantity and is ideal for precision plating process. The rectifier is also equipped with an advanced cooling system to keep the device separate from foreign bodies.

Unlike standard laboratory equipment, this unit is rated for continuous, full load industrial operation without any reduction in output power.

Design

The rectifier is designed as a durable, corrosion resistant bench case. The digital displays for the actual output current and voltage are integrated together with the power switch and potentiometers for adjustment front bezel. The DC output takes the form of cooper bars.

Advanced Cooling and Protection Circuit

The impact of the plating line's corrosive atmosphere is considerably reduced by two of this rectifier's special features, extending the unit's life expectancy. Firstly, the cooling airflow is guided along the heat-sink, keeping it and any foreign bodies (especially dust) separate from the power components. Secondly, the risk of contamination being introduced by the cooling air is further reduced by the integrated airflow control system, which calculates the exact amount of air needed to keep the rectifier at its optimum temperature.

All internal conductors are made of copper.

Main Components:

- Main switch
- Circuit breaker on the backside
- Mains filter complying with EN 61000-6-4 and EN 61000-6-2
- Transformer for galvanic isolation
- Power semiconductors for pulse amplitude modulation
- Electronics for implementing constant current and voltage control

Protection Devices:

- DC over current limitation
- Over-temperature protection
- DC short circuit limitation

Control Elements on the Front Panel:

- Digital Meters for the actual DC current and voltage (3½ digits)
- Power switch, illuminated
- Potentiometer to adjust the output current
- Potentiometer to adjust the output voltage

Special Features (X):

- Terminal X02 on the real panel providing isolated signals 0 – 10V for actual voltage and current indication, and pulse blocking

Technical Specifications:

Mains voltage:	3 x 400 VAC / 50-60 Hz
Mains current:	16 A
Mains power:	1 kAV
Rated output DC voltage:	150 V
Rated output DC current:	50 A
Max duty factor:	100 %
Ripple:	< 3 % in the full output range
Adjustment:	0...100 %
Control:	Constant current and voltage control
Control deviation:	< 1%
Cooling:	Forced air-cooled
Ambient temperature:	+ 40 °C
Site altitude	Up to 1000m above the Sea Level
Dimensions:	W/D/H = 542/550/410 [mm]
Weight:	39kg
Color:	RAL 6004
Protection grade:	IP 21



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The Open Offer

##	Item Description	Manufacturer	MOQ	NET Price/each GBP	Remarks
1	MUNK D400-G150/50 WRG-TFKX PSP Family Power Supply Unit	MUNK GmbH	1	7,500.00	
Condition:		New, unused, unopened.			
Warranty and support:		One year in-Lab repair work & five years remote support by phone and e-mail			
MUNK Specs are		Listed above			
MUNK Instruction Manual is linked		Linked below			
MUNK PSP Family SM PSU's Flyer		Linked below			
Alonex - MUNK D400-G150/50 Sale Flyer		Linked below and enclosed			
Price Term:		EXW: Israel/Holon, Incoterms 2025			
Currency conversion on invoicing date:		GBP/EUR/USD for abroad buyers, NIS for local buyers			
Payment in advance:		Bank Transfer or PayPal for foreign customers Three delayed cheques NET+30/60/90 for approved local customers while ordering before dispatch			
Delivery period:		Product is stored in air-conditioned room, and is available for immediate dispatching.			
Packing & Dispatching according your instructions		Wooden box			
This offer is valid for today, and its details, available quantities should be confirmed on a day of inquiry or ordering for changes if any. Please do your inquiries accurate providing details of your organization.					

Related resources:

<https://www.alonex.com/pdf/AX-MNK.pdf> - Alonex - MUNK D400-G150/50 WRG-TFKX PSP Family Power Supply Unit for Sale Flyer
https://www.alonex.com/pdf/MUNK-PSP-Family_en_2017-10-19_web.pdf - MUNK PSP Family Switching Mode Power Supplies Flyer
https://www.alonex.com/pdf/MUNK-D400-G150-50-WRG-TFKX-246569_01_01_BHV_+100_EN.pdf - MUNK PSP Family Power Supply Unit Instruction Manual
<https://www.alonex.com/pdf/AX-PWR.pdf> - Alonex - Special Purpose & Industrial power Supply Repair Services Flyer in English
<https://www.alonex.com/pdf/AX-PWR-HE.pdf> - Alonex - Special Purpose & Industrial power Supply Repair Services Flyer in Hebrew
<https://www.alonex.com/pdf/AX-PPC.pdf> - Alonex - Professional Desktop & Industrial Computer Power Supply Repair Services Flyer in English
<https://www.alonex.com/pdf/AX-PPC-HE.pdf> - Alonex - Professional Desktop & Industrial Computer Power Supply Repair Services Flyer in Hebrew
<https://www.alonex.com/Mean-Well/> - Alonex - Technical Specifications for Mean Well Power Supply Units

Less related and recreation related resources:

<https://www.alonex.com/pdf/AX-TVS.pdf> - Alonex Open Offer for TVS CRT Monitors
<https://www.crt-mon.com> - Alonex CRT Monitors Portal
<https://www.cnc-mon.com> - Alonex CNC Monitors Portal
<https://www.med-mon.com> - Alonex Bio-Med Monitors Portal
<https://www.mil-mon.com> - Alonex Military Monitors Portal
<https://www.arctic.org.il> - Auto Adventures & Active Holidays with Alonex Arctic Auto Travels
<https://www.alykel.com> - Alykel Airport City, Reserved
<https://www.jetjeep.com> - Air Off-Road Adventures, Reserved
<https://www.navostar.com> - Alonex Navigation Star, Reserved

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Comments: Alonex - Where The Art of Electronics is Alive!
Alonex - Like a Diesel Engine in The Arctic, while the Polar Star is still Burning!
Hyperlink base: <https://www.alonex.com>, <https://www.alonex.co.il>, <https://www.alonex.co.uk>

Alonex - MUNK D400 0-150VDC/0-50A Power Supply for Sale

MUNK D400 G150/50 WRG-TFKX 150V/50A DC Regulated Power Supply Unit

PSP Family / Series Gamma Bench Case Version

Regulated Constant Voltage/Current Applications:

- Electrolysis of Chemical Liquids or Solutions
- Electrolysis of Water, Hydrogen & Oxygen Producing
- Electrolytic Refining of Metals, Wohlwill Process
- Electro-Plating, Electro-Polishing, Electro-Etching
- Electro-Forming, Electro-Typing



- Electrochemical Water & Wastewater Treatment
- EP- Electrochemical Precipitation, ME - Membrane Electrolysis
- Electric Vehicle & Forklift Traction Battery Charging

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