



POWER 150

PRODUCT_INFO_1225



VITRIFRIGO
COOL AND BEYOND

INDEX

1. INTRODUCTION

2. POWER 150 PRESENTATION

3. PRODUCT INFO

4. POWERPACK COMPARISON

5. SPECIFICATIONS & USP



1.

INTRODUCTION



Over the years, Vitrifrido has continuously invested in **technological innovation** to improve the efficiency, reliability, and ease of use of its products.

A significant example of this evolution is the transition from the traditional bivalent control unit to the adoption of new power supplies. With the introduction of the Power300 and the **new Power150**, Vitrifrido has taken an important step forward, enabling a smooth and **automatic transition between the alternating mains voltage** and the battery's direct current.

The new power supplies therefore represent a new generation of power devices, designed to offer **superior performance** and to meet the ever-growing demands for reliability and comfort, in line with Vitrifrido's philosophy focused on quality and innovation.





An integral part of the new Vitrifrido products is the ability to offer compatibility with new solutions by adding the AC/DC function, using the innovative **Power Pack system by Vitrifrido**

This new option, compared to the previous bivalent control unit originally installed on compressors, was developed for the following reasons:



- *Certification requirements, related to products marketed in “high voltage” applications and to regulations concerning the gases used inside the products*
- *Needs for independence and supply autonomy from third-party suppliers in the selection and use of “sensitive” components such as electronic parts, in light of post-COVID-19 supply chain challenges*
- *Technical requirements, for the development of a single application interface for alternating current installations, validated according to the specifications of the compressors in use and standardized by size across a wide range.*



AC/DC UNIT



Replaced by

POWER PACKS



DC UNIT



NO MORE AVAILABLE



SUITABLE FOR DIFFERENT
COMPRESSOR MODELS



LIGHT AND COMPACT
IN DIMENSIONS



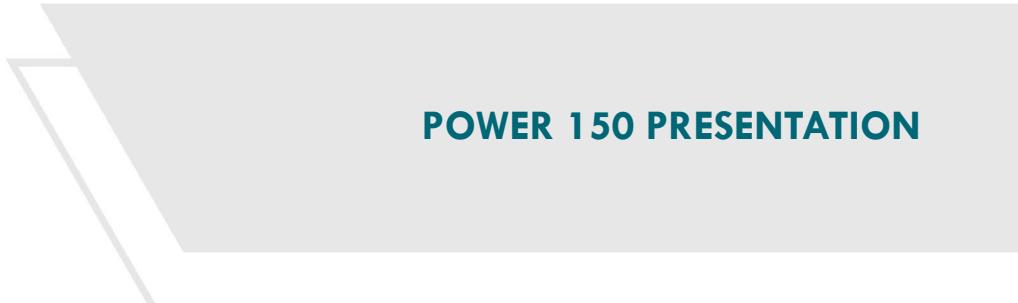
HIGH OUTPUT POWER
UP TO 180WW



AC PLUGS
AVAILABILITY



2.

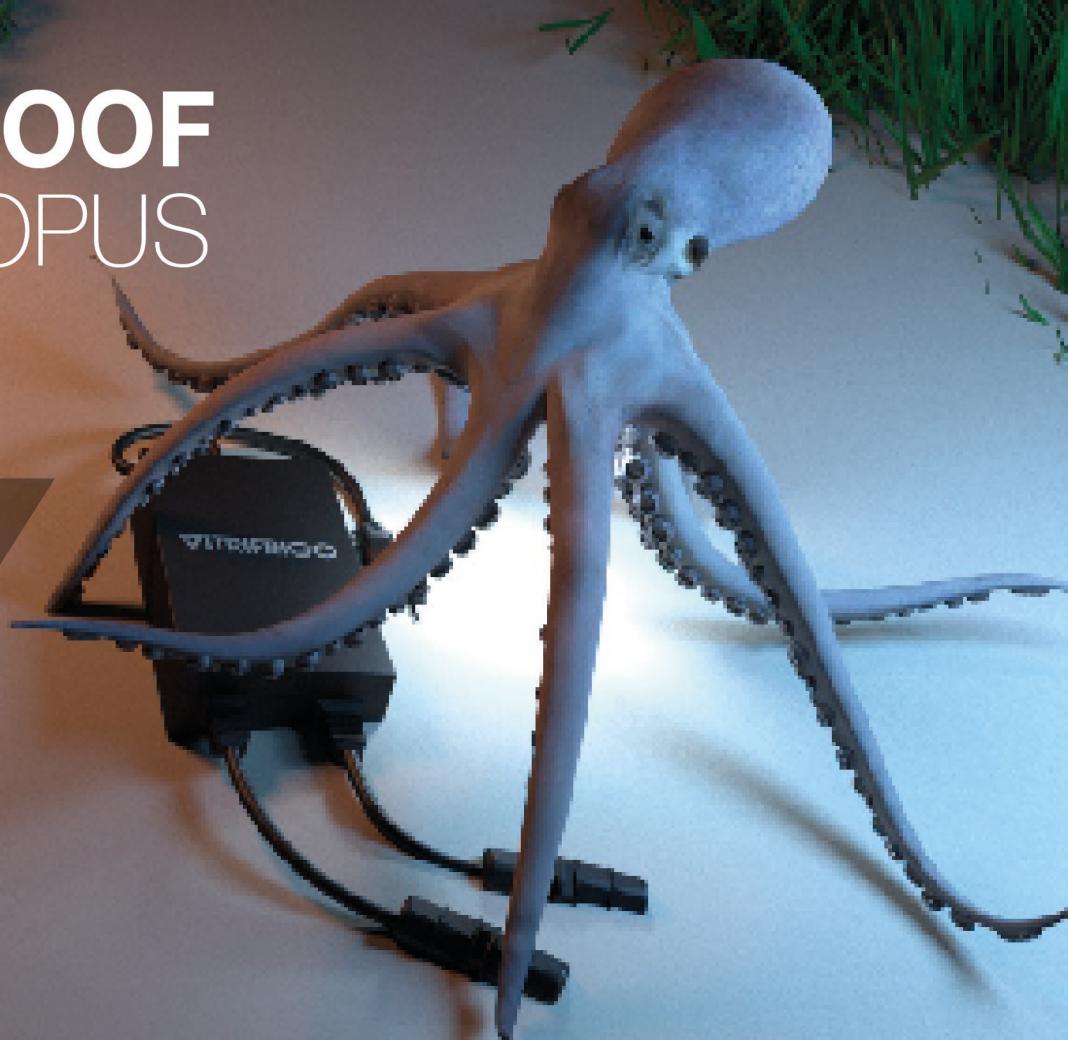


POWER 150 PRESENTATION

SO WATERPROOF EVEN THE OCTOPUS APPROVES



FULL PROTECTION
HIGH EFFICIENCY
ZERO NOISE





POWER PACK 150

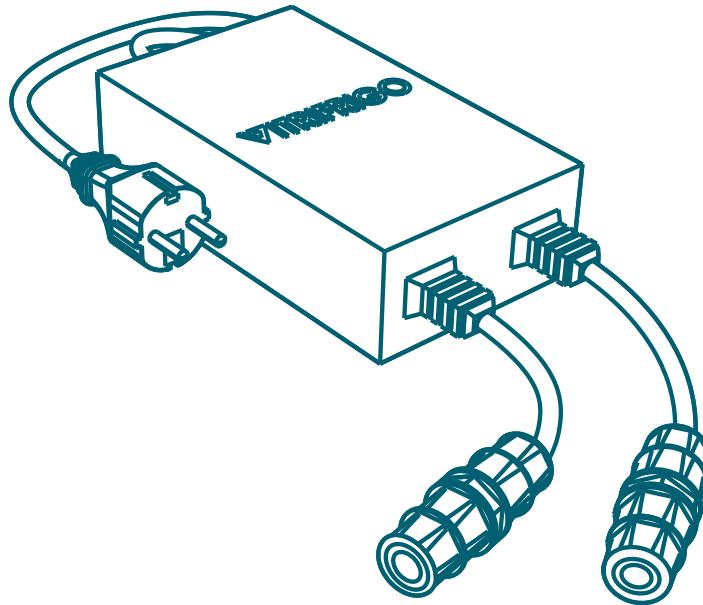


The **universal 24VDC/150W 115/230 VAC power supply** allows efficient use of all Vitrifrido direct current products.

It automatically converts 115/230 Vac 50/60Hz mains voltage into a powerful 24Vdc power supply for Vitrifrido devices.

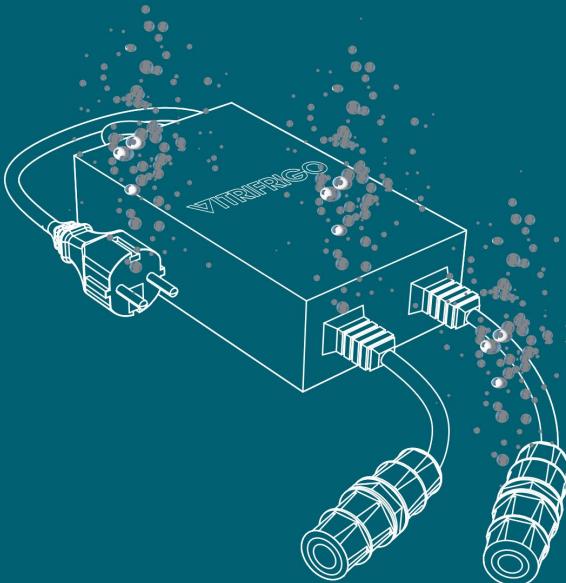
Thanks to its automatic switching, it **smoothly transitions** from alternating current (AC) mains voltage to battery direct current (DC).

This power supply is equipped with an electronic protection circuit against current overloads, **ensuring safety and reliability** in powering devices.



FEATURES

- Internal circuit protected against water infiltration through resin potting.
- Marine-grade connection terminals for protection against water ingress.
- Dedicated bracket for direct mounting.
- High-efficiency internal circuit (PFC / LLC) with no cooling fan — completely silent operation.
- Self-regulating operation for input voltages between 100–240 Vac and 50–60Hz. Fixed output voltage: 24Vdc, 150W.
- Option to connect a backup battery in case of no mains power connection.

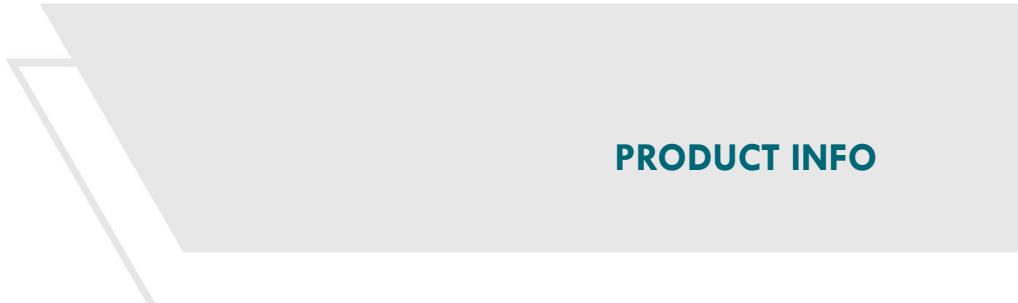


BENEFITS

- **HIGH PERFORMANCE**
High-efficiency internal circuit
- **ZERO NOISE**
No cooling fan required
- **TOTAL PROTECTION**
Watertight marine connectors



3.



PRODUCT INFO



SWITCHING POWER SUPPLY



POWER PACK 150



Model:

S-150-24

Net weight:

0.7 Kg

Dimensions:

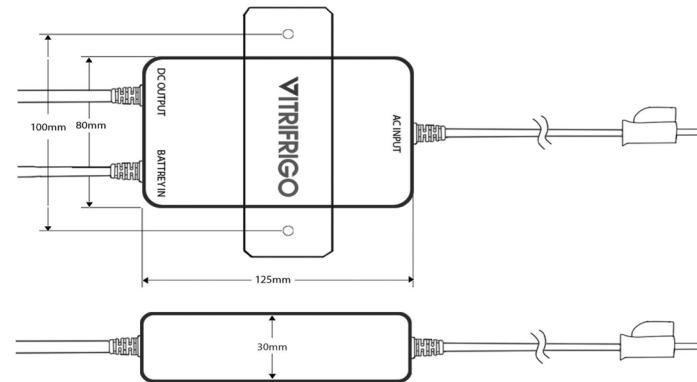
234 x 118 x 55 mm

In-put :

100-240Vac 50/60Hz

Out-put:

24Vdc 150W - SELV2



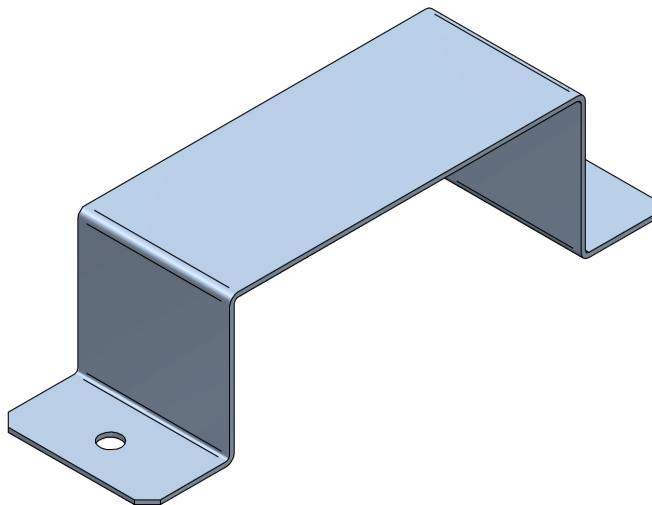


SWITCHING POWER SUPPLY



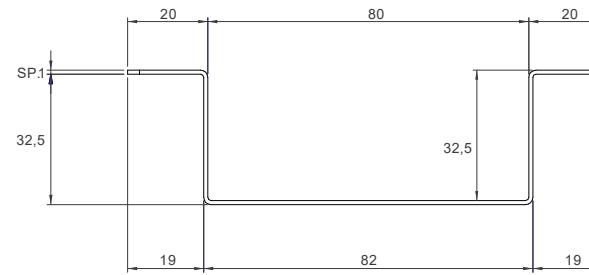
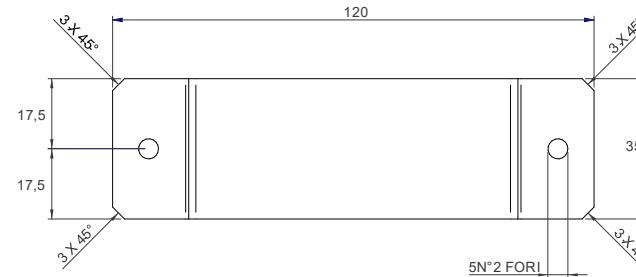
VF CODE	COMPATIBILITY	PRICE
7806-0029	<ul style="list-style-type: none">Serie DW (no IM)Serie C OCX2Serie C CHRSerie SLIMCompact DrawersTop Loading	PLEASE CONTACT VF

POWER PACK 150



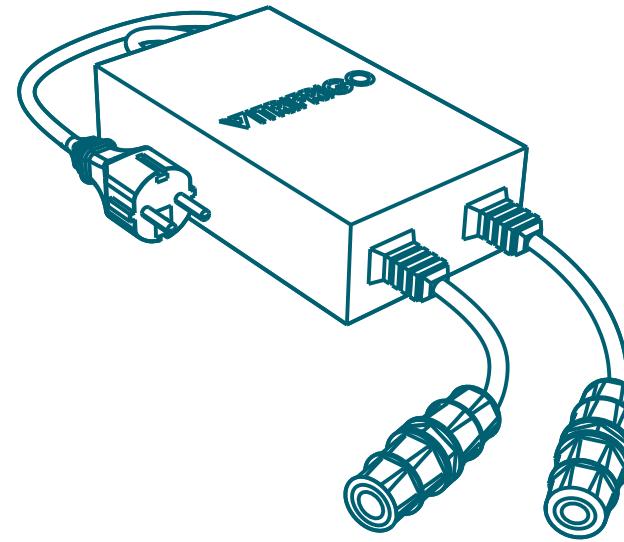
STAINLESS STEEL BRACKET

Black-painted **stainless steel bracket** for
mounting the power supply on the back panel





EUROPE



POWER PACK 150 POWER SUPPLY
WITH EUROPEAN PLUG

4.

**POWER150 vs POWER300
COMPARISON**



NEW



POWER PACK 150

Characteristics:

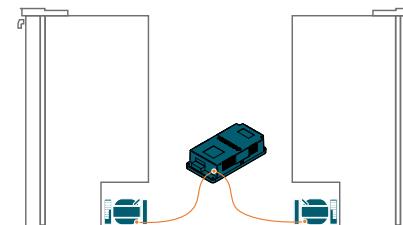
- No fan
- Internal potting for protection against water and dust
- High-efficiency electronic circuit
- Automatic voltage switching
- Marine connectors

Characteristics:

- High output power: 300W
- Direct connection to power terminals
- Available with multiple plug types
- Possibility of multiple product connection*



**Up to two fridge units
as specified in the table on Slide 14*



POWER PACK 300



5.



SPECIFICATIONS & USP



- **List prices**

Please contact your Vitrifrigo sales representative to obtain a quote.

- **Availability**

Available starting from January 2026.

- **Documentation**

Updated and available, included within the packaging

- **Packaging**





U
S
P



Waterproof



High Performance



Zero noise and
heat dissipation

GRAZIE PER L'ATTENZIONE
THANKS FOR YOUR ATTENTION

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