zenitel

DATASHEET

2990050012

ODS-1500EU

Inverter 1500VA 24VDC to 230VAC

DNV approved



Description

This DNV-approved inverter ODS-1500 is a robust DC/AC inverter designed specifically for industrial and marine environments. This single-phase sinusoidal inverter delivers up to 1500W of active power. It operates at an input voltage of between 16,8-30Vdc and an output voltage of 230VAC, ideal for a wide range of marine applications. The output voltage can be conveniently monitored and adjusted, along with other parameters, via RS232 through an application available with all models.

Enhanced with a tropicalized circuit for improved robustness, this model is built to withstand the demanding conditions of marine environments. It is designed for chassis mounting and a rackmount kit is available as well. An internal fan ensures efficient cooling, leading to an impressive efficiency of up to 91%.

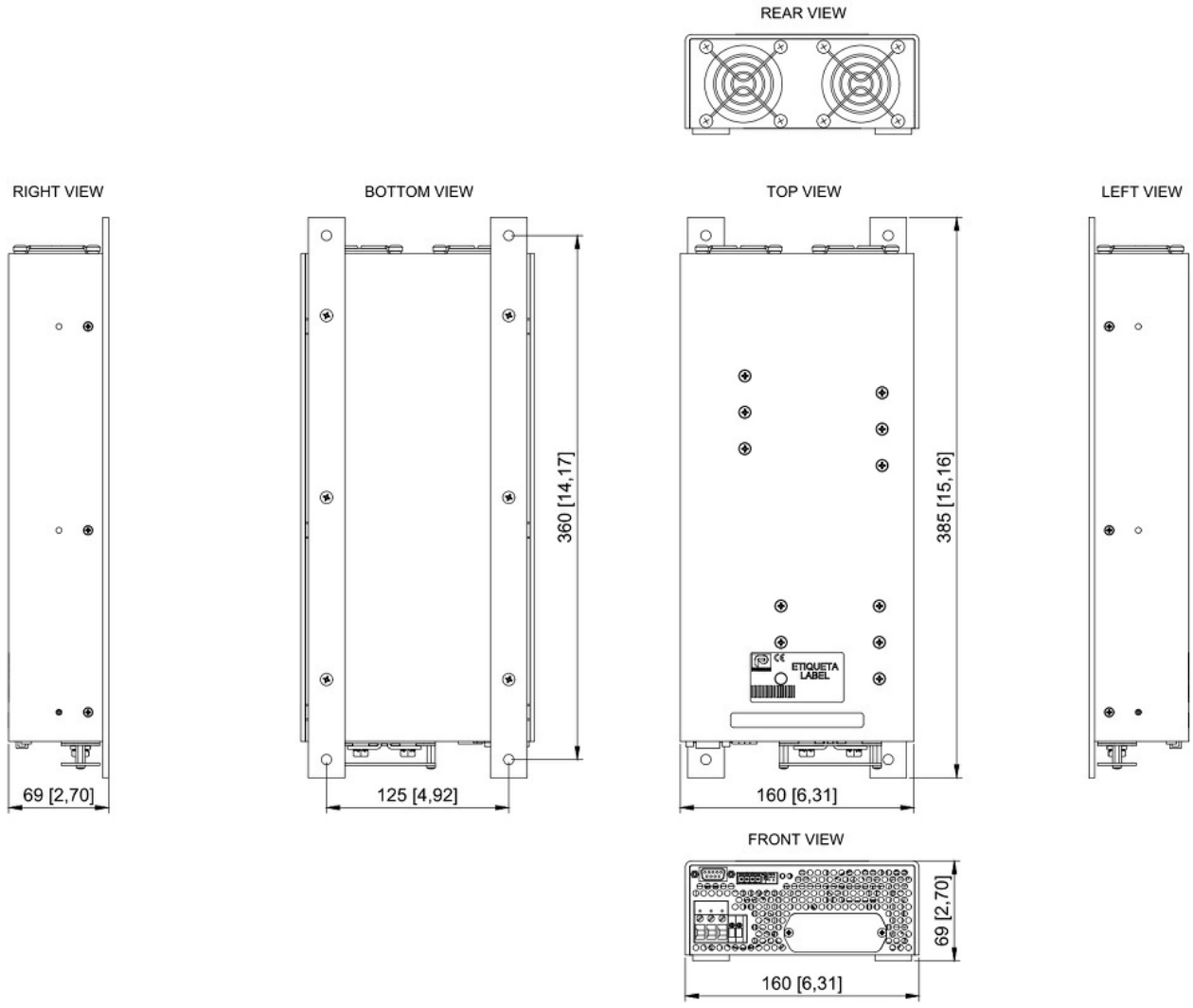
The ODS-1500 is equipped with advanced protection features, including maximum average power protection and maximum output peak current protection. These safeguards protect the unit, even in the event of an output short-

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circuit.

Technical Dimensions



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Specifications

GENERAL

Range Output Voltage	230 VAC
Output Power	1500 W
Efficiency	91 %
Number of outputs	1
Input Voltage DC	16,8 ~ 30 VDC
Max operate temperature	+55 °C
Min operate temperature	-25 °C
Dimensions (WxHxD)	160mm x 69mm x 385mm
Weight	3,8 Kg
MTBF	130 000 hours

PRODUCT VARIANTS

2990050012	Inverter 1500VA 24 Vdc to 230 Vac
2990050013	Inverter 3000VA 24 Vdc to 230 Vac
2990050021	Inverter 750VA 24 Vdc to 120Vac
2990050022	Inverter 1500VA 24 Vdc to 120 Vac
2990050031	Inverter 750VA 48 Vdc to 230 Vac approx.660W

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