

Electric Vehicle Inverter, Free-Stand Enclosure



This series of Type 3R rated electrical enclosures has been designed specifically for the housing of Electric Vehicle (EV) Inverters that feed power to charging stations. To support EV Infrastructure projects and qualify for designated funding, these enclosures are made in the USA with US steel. The enclosures feature a robust and reliable unibody construction with flexible internal mounting capable of supporting heavy loads. Available standard in a number of door access configurations to suit application requirements.

INDUSTRY STANDARDS

UL 508A Listed; Type 3R; File No. E61997

cUL Listed per CSA C22.2 No. 94; Type 3R; File No. E61997

NEMA/EEMAC Type 3R

FEATURES

Made in the USA with US steel

Unibody design for high weight-load requirements and environmental protection assurances

Open bottom plinth base for easy field installation

Lifting eyes (quantity 4 per enclosure) for ease-of handling and transportation

3-point latches operated by oil-tight lockable handle for tamper resistance

Water trough over door to prevent water ingress

Concealed, easy-to-remove stainless steel hinges for simplified door removal and installation

Optional panels and rack mounting angles can be mounted anywhere along channels for enhanced mounting flexibility (sold separately)

Provisions for mounting LED Lights with occupancy/vacancy sensors

Anti-corrosive paint and protective coating to maximize life even in tough weather environments

Finish: Powder Coated

Material: Steel

Color: White



SPECIFICATIONS

Catalog Number	Article Number	Height	Width	Depth	Thickness	Access
US723024FSG 	61701	72.06in	30.06in	24.06in	12ga	Single Access
US723636FSG 	61705	72.06in	36.06in	36.06in	12ga	Single Access
US722424FSG 	61698	72.06in	24.06in	24.06in	12ga	Single Access
US723624FSG 	61703	72.06in	36.06in	24.06in	12ga	Single Access
US603624FSG 	61697	60.06in	36.06in	24.06in	12ga	Single Access
US723024FSDAG 	61702	72.06in	30.06in	24.06in	12ga	Dual Access
US724824FSDAG 	61708	72.06in	48.06in	24.06in	12ga	Single Access
US722424FSDAG 	61699	72.06in	24.06in	24.06in	12ga	Dual Access
US723636FSDAG 	61706	72.06in	36.06in	36.06in	12ga	Dual Access
US722436FSDAG 	61707	72.06in	24.06in	36.06in	12ga	Dual Access
US723624FSDAG 	61704	72.06in	36.06in	24.06in	12ga	Dual Access
US724824FSDAG 	61709	72.06in	48.06in	24.06in	12ga	Dual Access

ADDITIONAL PRODUCT DETAILS

The EV Inverter Free-Stand enclosure is a US made product to support EV Infrastructure projects. The enclosure is NEMA 3R rated to maintain compliance with industry standards.

This enclosure is based off of the A30 platform with new features to provide durability and extend the lifetime of EV Charging Inverters.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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