Xenerpower USA
9202 Lambright RD, Houston, TX 77075
(281) 751-8868, admin@xenerpower.com
Website: Xenerpower.com

Data Sheet

PRODUCT DESCRIPTION

Xenerpower Series: **Pad Mounted Transformer 3-Phase**
Product Model: **PDM3-1.5MVA-13800D/480Y-LAMZ-SD**
Basic Price ..... **$**

PRODUCT IMAGES[1]







KEY FEATURES

- **Reliable Design**: Fluid-filled, three-phase transformer designed for underground power distribution
- **Fully Sealed and Insulated**: Provides robust personal safety without additional insulation spacing

[1] Images are for reference only, real product may differ

Xenerpower USA
9202 Lambright RD, Houston, TX 77075
(281) 751-8868, admin@xenerpower.com
Website: Xenerpower.com

Data Sheet

- **Superior Performance**: Features low-loss design, minimal noise, low-temperature rise, robust overload capability, and short-circuit resistance
- **Typical Connections:** Dead front for High Voltage, and Live Front for Low Voltage
- **Standards Compliance**: Meets ANSI C57.12 Series, DOE 2016 efficiency requirement, and related NEC, NEMA standards. Products are US Certified
- **Physical Features**: Lifting lugs, bolted GND terminals, hinged doors, voltage barriers, and anti-corrosion surface finish

PRODUCT SPECIFICATIONS[2]

Main Technical Parameters

Capacity:	1,500 kVA
High Voltage:	13,800 V Delta
HV BIL:	95 kV
Low Voltage:	480 / 277 V Wye
LV BIL:	30 kV
Vector Group:	Dyn1
Frequency:	60 Hz
Temperature Rise:	65 °C over ambient
Noise:	≤ 59 dBA @ 3 ft
Impedance Rating (Z%):	5.75 % (± 7.5%)
Electrical Efficiency: [3]	99.48 %

General Information

Chassis Dimensions:	85” x 95” x 83” [4] (W x D x H)
Enclosure Rating:	NEMA 3R weatherproof
Paint Color:	Munsell Bell/Utility Green 7GY 3.29/1.5
Whole Weight:	18,800 lb
Fluid Capacity:	726 gal
High Voltage Terminals:	Deadbreak 600A T-body Connector x 6 [5]
Low Voltage Terminals:	Epoxy molded spade 6-hole x 4
Primary Tap Changer:	5 positions, ±2.5% x 2
Ambient Temperature Rating:	40 °C
Ambient Elevation Rating:	3,300 ft

Optional and Affective Items

Application Feed Type:	L - Loop Feed
Break Switch:	4-position Loadbreak Switch included
Windings Material:	A - Aluminum
Insulated Fluid Type:	M - Mineral Oil Type II

[2] Specifications are subject to change without notice
[3] Efficiency is measured at 50 percent of nameplate-rated load based on 55 °C reference temperature.
[4] The size includes cooling fins and may increase with the addition of some options
[5] Terminal Size and Qty depend on feed type and voltage configure

Xenerpower USA
9202 Lambright RD, Houston, TX 77075
(281) 751-8868, admin@xenerpower.com
Website: Xenerpower.com

Data Sheet

Cooling Class：	ONAN - Oil Natural / Air Natural
Housing Material:	Z - Coated steel
Design Spec.:	SD - Standard Design
US or Other Certified:	UL Listing Certified

Protection Devices

Bayonet Fuse:	Side-mounted bayonet fuse links included
Current Limited Backup Fuse:	Immersed CL backup fuses included
Surge Arrestor:	Optional elbow surge arrestors at high voltage side
Pressure Relief Device:	Automatic action pressure relief valve included

Accessories

Liquid Level Gauge:	Included with dry contact signal
Fluid Temperature Gauge:	Included with dry contact signal
Pressure/Vacuum Gauge:	Included with dry contact signal
Fill Port:	Global valve included
Drain Port:	Global valve with sampler port included
Operation Tool:	Optional insulated operating rod

ADDITIONAL COMMENTS FOR SPECIAL REQUEST