



# VPM240-20800

**Description:**

The toroidal construction inherently reduces stray fields, increases efficiency and minimizes size compared to traditional EI transformers. The addition of a Flux Band further reduces the remaining stray fields. The shield between Primary and Secondary improves safety, reduces common mode signals and minimizes leakage current. Built with a Class F (155°) insulation system. A 140°C self-resetting thermal switch is included in the primary.

**Electrical Specifications (@25C)**

1. Maximum Power: 5000VA
2. Input Voltages: 240, 208VAC, 50/60Hz
3. Output Voltages: 120VAC @41.60A or 240VAC CT @ 20.80A
4. Voltage Regulation: 1.4% TYP from full load to no load
5. Temperature Rise: 50°C TYP
6. Hipot: 4000VAC, Primary to Secondary, Primary & Secondary to Shield & mounting surface
7. Efficiency: 95% TYP. @ full load

**Agency File:**

UL: File E122529, UL 60601-1/(R) 2012 Medical Electrical Equipment – Part 1 with 2 MOPP  
 CE: ES 60601-1 (IEC 60601-1:2005, MOD)  
 cUL: C22.2 No. 60601-1:14, Medical Electrical Equipment – Part 1  
 CB Certified.



Max Dimensions: Inches (mm)

O.D.	HT.*
12.6(320)	5.8(148)

Weight: 41Kg

**Mounting:**

Transformer is provided with one rubber pad, M12 x 140mm bolt, nut, spring and flat washer. Inner diameter is potted with epoxy and a hole is drilled through epoxy for mounting bolt.

**Connections:**

Transformer is provided with 12" (305mm) long, 0.5" (12.7mm) stripped and tinned, stranded UL 1015 lead wire. Primaries are 12AWG, Secondaries are 12AWG, and Shield is 18AWG. **The GRN/YEL shield lead is typically grounded. Do not lift transformer by leads!**

**Input Options:**

- 208VAC:** Input to Blue & Grey
- 240VAC:** Input to Blue & Brown

**Output Options:**

- 120VAC:** Output from Black & Red, jumper Black & Orange, jumper Red to Yellow
- 240VAC:** Output from Black & Yellow, jumper Red & Orange

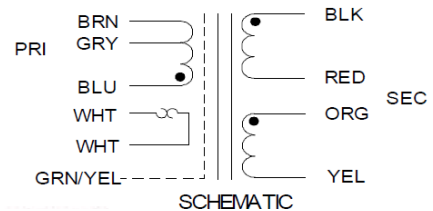
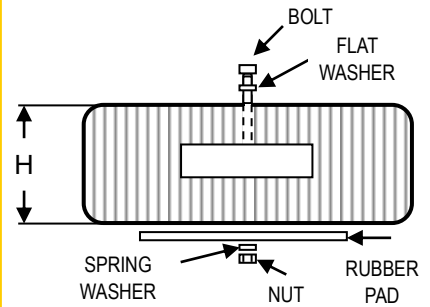
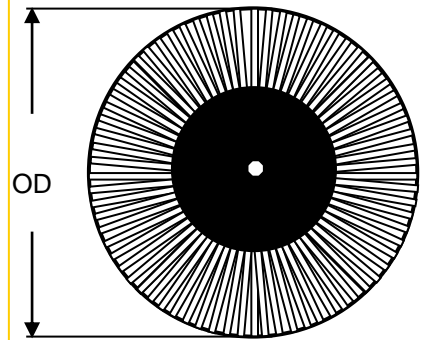
Primary and secondary windings are designed to be connected in series or parallel. Windings are not intended to be used independently.

**RoHS Compliance:** Meets the requirements of 2015/863/EU, known as the RoHS 3 initiative.

\* At printing, this document is considered "uncontrolled". Contact Triad Magnetics' website for current version



Photo for illustration only



## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Power Transformers](#) category:*

*Click to view products by [Triad](#) manufacturer:*

Other Similar products are found below :

[ET-030A](#) [F-102X](#) [F-120X](#) [F-14X-1](#) [F-181U](#) [F-18A](#) [F-199U](#) [F-19X](#) [F-202U](#) [F-204U](#) [F-206U](#) [F-227X](#) [F-238U](#) [F-239U-1](#) [F-23U](#) [F24-250-B](#)  
[F-242U](#) [F-245U](#) [F-264U](#) [F-265U](#) [F-267U](#) [F-281U](#) [F-283U](#) [F-290X](#) [F-295Z](#) [F-296Z](#) [F-298Z](#) [F-3143P](#) [F-3298Z](#) [F-33U](#) [F-346X](#) [F-35U](#) [F-](#)  
[364U](#) [F-392A](#) [F-395X](#) [F-397U](#) [F-412X](#) [F-47U](#) [F-55X-1](#) [F-60U](#) [F-68U](#) [F-71U](#) [F-72Z](#) [F-74U](#) [F-83A](#) [F-84AC](#) [F-85U](#) [F-86U](#) [F-9U](#) [PCT-02](#)