



## MEDIUM VOLTAGE DRY TYPE GENERAL PURPOSE DISTRIBUTION TRANSFORMERS

### OTHER PRODUCTS

Dry Substation  
(Bulletin 30)



Liquid Substation  
(Bulletin 40)



Custom 600V  
Dry Type  
(Bulletin 15)



Energy Verified



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## MEDIUM VOLTAGE DRY TYPE GENERAL PURPOSE DISTRIBUTION TRANSFORMERS

MGM Transformers brings 50 years of manufacturing experience to the production of medium voltage dry-type general-purpose distribution transformers, delivering high-performance, reliable power solutions for a wide range of applications. With a team of 50+ experienced engineers and technical staff, MGMT excels in designing and manufacturing transformers that meet custom voltage combinations, tap arrangements, winding configurations, and enclosure types, ensuring each solution is tailored to the specific needs of our customers.



- *Low noise level transformers for use in hospitals, schools and office buildings.*
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- *Marine duty application for use near shores, on docks and onboard ships and marine platforms.*
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- *Totally Enclosed Non-Ventilated (TENV) for use in adverse atmospheric environments.*
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- *Auto-transformers for machinery voltage conversions.*
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- *OSHPD seismic certified transformers to meet regulatory standards such as hospital installations.*
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### GET IT FAST!

With our state of the art manufacturing facilities we can offer quick turnaround time with **FREE SHIPPING** throughout the continental United States. Ask about our Bull Rush program for expediting your order.

MGM Transformers can manufacture your units at our 120,000 square foot plant in the U.S. and source the raw materials solely from American companies if required. By doing so we can certify your units to be compliant with all of the various "Buy U.S." statutes (either state or federal). Please make sure to specify your requirements at the time of order.

# MEDIUM VOLTAGE DRY TYPE GENERAL PURPOSE DISTRIBUTION TRANSFORMERS

## SOUND LEVELS

MGMT 600 Volt class general purpose dry type transformers are designed to meet NEMA ST-20 sound levels.

kVA	dB Level
0-9	40
10-50	45
51-150	50
151-300	55
301-500	60

## THREE-PHASE DRY TYPE TRANSFORMERS

**CLASS A** (20kV BIL, 30 kV BIL - 2.5kV, 5kV)

**CLASS B** (60 kV BIL, 95 kV BIL - 5 kV, 8.7 kV)  
AND (60 kV BIL, 95 kV BIL, 110 kV BIL - 15 kV)

		ENCLOSURE TYPE	
kVA	°C - Rise	Class A	Class B
30	150	GPB+	N/A
	115	GPB+	N/A
	80	GPB+	N/A
45/50	150	GPC	N/A
	115	GPC	N/A
	80	GPC	N/A
75	150	GPC+	GPE
	115	GPC+	GPE
	80	GPC+	GPE
112.5	150	GPC+	GPE
	115	GPC+	GPE
	80	GPD	GPE
150	150	GPD	GPE
	115	GPD	GPE
	80	GPD	GPE
225	150	GPD	GPF
	115	GPE	GPF
	80	GPE	GPF
300	150	GPE	GPF
	115	GPE	GPF
	80	GPE	GPF
400	150	GPE	GPF
	115	GPE	GPF
	80	GPE	N/A
500	150	GPE	N/A
	115	GPF	N/A
	80	GPF	N/A

### NOTES:

- See back page for enclosure dimensions.
- Higher kV BIL, K-Factor or other special designs may change enclosure size.
- A general purpose (GP) unit that has bus to ends will require a substation enclosure: consult MGM for details.

## AVAILABLE OPTIONS & FEATURES

- DOE 2016 Efficiency Compliant
- Aluminum or Copper Windings
- Outdoor NEMA-3R Kit
- 80°C, 115°C or 150°C Temperature Rise
- K-Factor: up to K-30
- wall Mount Brackets (15 - 75 KVA)
- 60, 50 Hz; 50/60 Hz
- Totally Enclosed Non Ventilated
- Any Voltage Arrangement
- Stainless Steel Case
- Reduced Sound Level
- UL 1561 Listed
- Electrostatic Shield
- Min. 60 dB Common Mode Noise Attenuation
- ANSI C57.12.01
- Seismic Zone IV Compliant
- Taps (standard or special)
- Impedance (standard or special)
- Seismic certification (QSHPD) optional
- Bottom or top termination



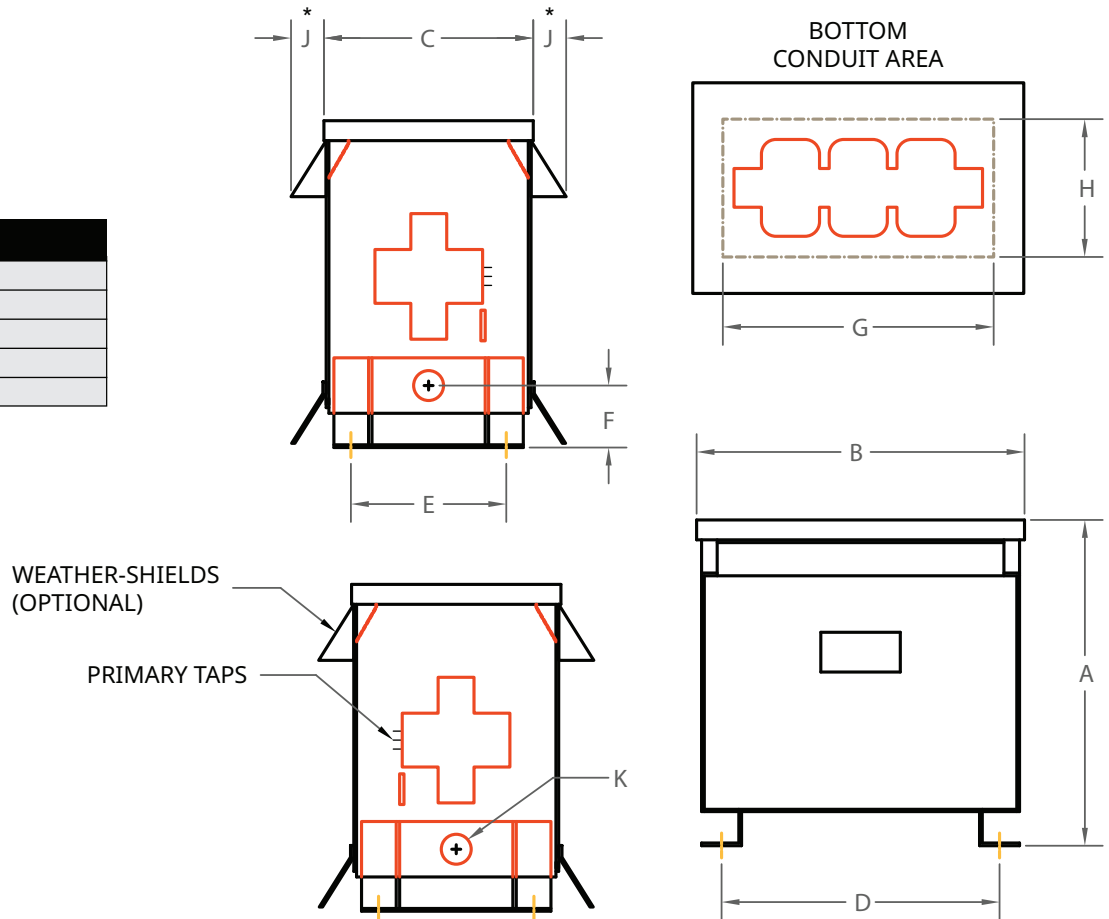


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#### AVAILABLE ACCESSORIES

Bottom Mount Wall Bracket
Side Mount Wall Bracket
OSHPD Seismic Kits
Rain Hoods/Weather Shield Kits
Rodent/Bird Screen



Enclosure	DIMENSIONS (Inches)										Wall Bracket	Weather Shield
	A	B	C	D	E	F	G	H	J	K		
GPA	28	21	14	18 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	-	17	10	-	-	WB1/NWB	†
GPB	32	26 <sup>1</sup> / <sub>2</sub>	17	23	14	-	22	13	-	-	WB1/NWB	†
GPB+	38 <sup>1</sup> / <sub>2</sub>	28 <sup>1</sup> / <sub>2</sub>	20	26	17 <sup>1</sup> / <sub>2</sub>	-	26	16 <sup>1</sup> / <sub>2</sub>	-	-	WB2/NWB	†
GPC	40 <sup>1</sup> / <sub>2</sub>	31 <sup>1</sup> / <sub>2</sub>	21 <sup>3</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	19	-	26	16 <sup>1</sup> / <sub>2</sub>	-	-	-	†
GPC+	40 <sup>1</sup> / <sub>2</sub>	36 <sup>1</sup> / <sub>2</sub>	21 <sup>3</sup> / <sub>4</sub>	33 <sup>1</sup> / <sub>2</sub>	19	-	31	16 <sup>1</sup> / <sub>2</sub>	-	-	-	†
GPD	51 <sup>1</sup> / <sub>2</sub>	40 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>2</sub>	37	21	10 <sup>1</sup> / <sub>2</sub>	35	19	4 <sup>5</sup> / <sub>8</sub>	5"	-	RH5*
GPE	66	50 <sup>1</sup> / <sub>2</sub>	32	47 <sup>1</sup> / <sub>2</sub>	24	11 <sup>1</sup> / <sub>2</sub>	44	24	4 <sup>5</sup> / <sub>8</sub>	2-5"	-	RH6*

\*GPD and GPE enclosures require weather shield kits for outdoor (NEMA 3R) installations.

† " " Dual rated enclosures suitable for indoor or outdoor installations. (NEMA 1, NEMA 3R)

Consult factory for GPF enclosure dimensions and drawing. Drawings are for reference only and not intended for construction purposes.



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