

**POWER TOROIDAL TRANSFORMERS**

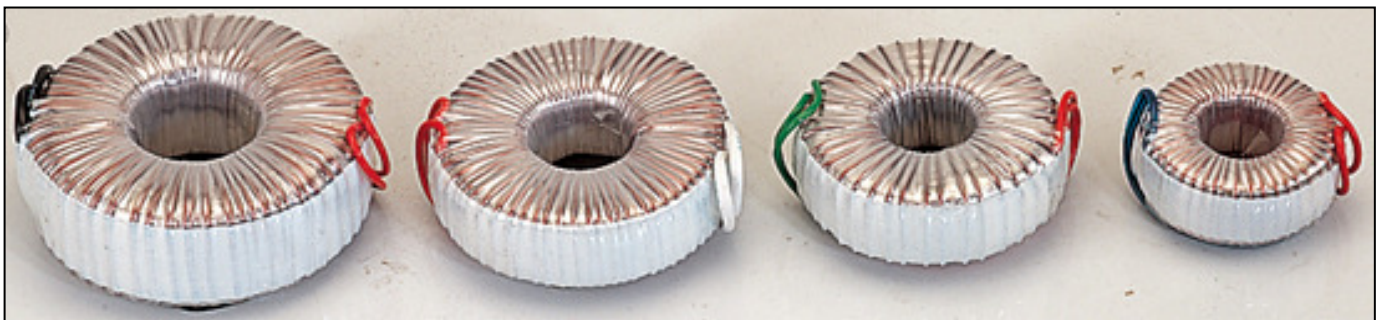
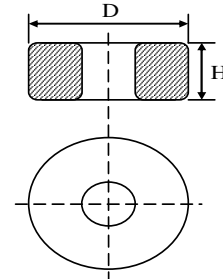
(Low/high frequency)

**MPTT-Series****Introduction:**

**MTFM** series of power toroidal transformers are available in more than 50 different modes (high/low frequency), virtually offering solutions to Power Transformer, Audio Transformer, Three Phase Transformer, Auto Transformer, Auto Transformer, Control Transformer, Power Adapter, Power Adapter, rectifier transformer, high frequency transformers etc. Company undertakes designing special application transformer.

**Advantage:**

Energy efficient due to low no-load current.  
 Better voltage regulation due to low inductance/resistance.  
 Compact size  
 High kilo watt/k.g.  
 Low inrush current.  
 High galvanic isolation.. 5 mega ohm/500 vol;t d.c.

**ELECTRICAL & MECHANICAL SPECIFICATION (Low frequency):****Power < 10,000 VA**

Model	Capacity (VA)	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (□)	Formal Size		Weight kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
<b>MPPT-30</b>	30	220V	50	12	≤65	32	74	0.6	Φ6.5	M6
<b>MPPT-50</b>	50	220V	50	12	≤65	33	83	0.75	Φ6.5	M6
<b>MPPT-80</b>	80	220V	50	12	≤65	37	100	1.1	Φ6.5	M6
<b>MPPT-105</b>	105	220V	50	12	≤65	37	111	1.4	Φ8.5	M8
<b>MPPT-120</b>	120	220V	50	12	≤65	44	106	1.6	Φ8.5	M8
<b>MPPT-150</b>	150	220V	50	12	≤65	43	116	1.85	Φ8.5	M8
<b>MPPT-190</b>	190	220V	50	12	≤65	48	121	2.3	Φ8.5	M8
<b>MPPT-240</b>	240	220V	50	12	≤65	50	125	2.6	Φ8.5	M8
<b>MPPT-300</b>	300	220V	50	12	≤65	54	128	3	Φ8.5	M8
<b>MPPT-500</b>	500	220V	50	12	≤65	60	135	5.3	Φ8.5	M8

**MOTORON SEMICONDUCTORS CORPORATION**

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**POWER TOROIDAL TRANSFORMERS**

(Low/high frequency)

**MPTT-Series****ELECTRICAL & MECHANICAL SPECIFICATION (Low frequency :**

Model	Capacity (VA)	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (□)	Formal Size		Weight Kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
MPPT-80	800	220V	50	12	≤65	60	150	8.5	Φ6.5	M6
MPPT-105	1050	220V	50	12	≤65	70	170	11.0	Φ8.5	M8
MPPT-120	1200	220V	50	12	≤65	75	175	13.5	Φ8.5	M8
MPPT-150	1500	220V	50	12	≤65	85	200	15.0	Φ8.5	M8
MPPT-190	1900	220V	50	12	≤65	100	225	18.5	Φ8.5	M8
MPPT-240	2400	220V	50	12	≤65	150	250	22.0	Φ8.5	M8
MPPT-300	3000	220V	50	12	≤65	175	275	28.4	Φ8.5	M8
MPPT-500	5000	220V	50	12	≤65	200	300	36.6	Φ8.5	M8

**ELECTRICAL & MECHANICAL SPECIFICATION (HIGH FREQUENCY):**

Model	Capacity (VA)	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (□)	Formal Size		Weight kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
MPPT-502	1000	200V	1000	20/50/100/1000	≤65	37	110	0.75	Φ6.5	M6
MPPT-802	1200	200V	1000	20/50/100/1000	≤65	44	125	1.1	Φ6.5	M6
MPPT-1052	1500	200V	1000	20/50/100/1000	≤65	45	130	1.4	Φ8.5	M8
MPPT-1202	2400	200V	1000	20/50/100/1000	≤65	50	150	1.6	Φ8.5	M8
MPPT-1502	3000	200V	1000	20/50/100/1000	≤65	50	160	1.85	Φ8.5	M8
MPPT-1902	5000	200V	1000	20/50/100/1000	≤65	55	180	2.3	Φ8.5	M8
MPPT-2402	7000	200V	1000	20/50/100/1000	≤65	60	200	2.6	Φ8.5	M8
MPPT-3002	8000	200V	1000	20/50/100/1000	≤65	37	225	3.0	Φ8.5	M8
MPPT-5002	10000	200V	1000	20/50/100/1000	≤65	44	250	5.3	Φ8.5	M8

These Diemension may be amended.

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MPPT-Series

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Model	Capacity (VA)	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (□)	Formal Size		Weight kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
MPPT-153	15000	220V	1000/optional	20/50/100 /1000	≤65	60	300	8.5	Φ6.5	M6
MPPT-203	20000	220V	1000/optional	20/50/100 /1000	≤65	70	400	11.0	Φ8.5	M8
MPPT-253	25000	220V	1000/optional	20/50/100 /1000	≤65	80	500	13.5	Φ8.5	M8
MPPT-303	30000	220V	1000/optional	20/50/100 /1000	≤65	100	550	16.8	Φ8.5	M8
MPPT-403	400000	220V	1000/optional	20/50/100 /1000	≤65	125	600	23.0	Φ8.5	M8
MPPT-503	500000	220V	1000/optional	20/50/100 /1000	≤65	150	700	28.0	Φ8.5	M8
MPPT-753	750000	220V	1000/optional	20/50/100 /1000	≤65	200	800	34.7	Φ8.5	M8
MPPT-993	100000	220V	1000/optional	20/50/100 /1000	≤65	200	900	60.5	Φ8.5	M8

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Not of unauthorized commercial practices

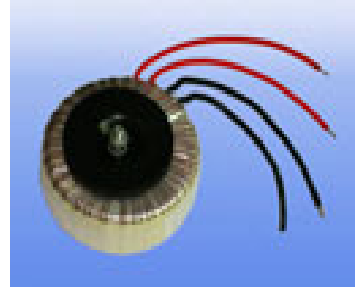
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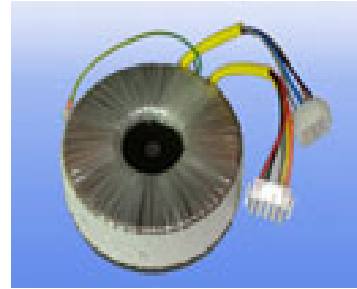
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MPPT-502



MPPT-1202



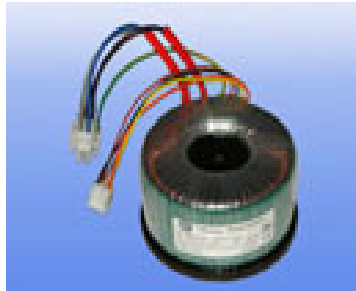
MPPT-802



MPPT-153



MPPT-203



MPPT-153

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