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## Tube Output (50 - 100 Watts) 1650P Series

Push-Pull HI-FI Potted

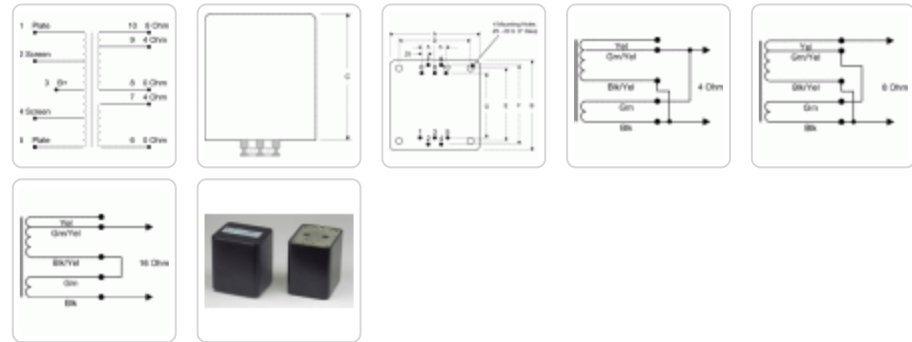
### Features



- Designed for push-pull tube output circuits.
- A perfect match to our **300P potted power transformers**.
- Enclosed in a drawn steel case, the transformer is completely potted in epoxy.
- Frequency response 30 Hz. to 30 KHz. at full rated power (+/- 1 db max. ref. 1 KHz) minimum.
- Lead connection is via 10 bottom mounted lugs.
- All units include 40% screen taps for Ultra-Linear operation (if desired).
- Finished in a black powder paint (to match our **300P** series power transformers).
- Typical applications - Push-Pull: triode, Ultra-Linear pentode, pentode and tetrode connected audio output.



### Gallery



Part No.	Audio Watts	Primary Impedance (Ohms)	Max. DC Per Side	Secondary Impedance (Ohms)	Dimensions								Weight (lbs.)
					A	B	C	D	E	F	G		
1650KP	50	3400 ct	318 ma.	4/8/16	3.31	3.88	4.25	2.50	3.00	3.31		2.56	9
1650KAP	50	3400 ct	318 ma.	4/8/16	3.31	3.88	4.25	2.50	3.00	3.31	1/4-20 x 0.5" Deep Inserts		9
1650PAP	60	6600 ct	200 ma.	4/8/16	3.31	3.88	4.25	2.50	3.00	1.50	1/4-20 x 0.5" Deep Inserts		10
1650RP	100	5000 ct	317 ma.	4/8/16	4.25	5.00	4.50	3.38	4.25	4.50		3.75	13
1650RAP	100	5000 ct	317 ma.	4/8/16	4.25	5.00	4.50	3.38	4.25	4.50	1/4-20 x 0.5" Deep Inserts		13

### Suggested Tube Types:

Part No.	Audio Watts	Primary Impedance (Ohms)	Suggested Tube Types
1650KP	50	3400 ct	6L6GC, 807, 5881, EL34, 6146B, 6550B
1650KAP	50	3400 ct	6L6GC, 807, 5881, EL34, 6146B, 6550B
1650PAP	60	6600 ct	6L6GC, 807, 5881, EL34, 6146B, 6550B, KT88
1650RP	100	5000 ct	807, 5881, EL34, 6146B, 6550B, KT88
1650RAP	100	5000 ct	807, 5881, EL34, 6146B, 6550B, KT88

**Notes:** The above examples of possible combinations are to help you narrow down the choices of transformers for your favorite tube types. How you operate the tubes (push-pull, push-pull parallel, ultra-linear, class, B+, bias, operating points, etc.) will change optimum plate to plate load impedance. Only a few of the most popular tubes are shown. As more tubes become available we will add them to the list. A tube manual or

tube manufacturer's technical data sheets should be consulted first, before making a decision on a proper output transformer.

Tags: **classic transformer, push-pull, tube output, epoxy, potted, triode, pentode, tetrode, output circuit**

*Data subject to change without notice*

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