

**— Fender® Guitar Amps —**  
**Output Transformer Numbers & Impedances**

Amplifier Model	FEI #	Early '60s FMI # '65 CBS FEI #	FMI # 1966-	Output Impedance
Bandmaster 6G7A	45217	---	---	4 ohms
Bandmaster	---	125A6A	022848	4 ohms
Bandmaster Reverb	---	125A6A	022848	4 ohms
Bassman 5F6/5F6A	45249	---	---	2 ohms
Bassman 6G6	---	125A5A	---	8 ohms
Bassman, other than above	---	125A13A	022871	4 ohms
Bassman 50	---	125A13A	022871	4 ohms
Bassman 10 (combo)	---	125A13A	021848	8 ohms
Bassman 10 (head)	---	---	013897	8 ohm ctr-tap
Bassman 70	---	---	013897	8 ohm ctr-tap
Bassman 100	---	---	021657	4 ohms
Bassman 135	---	---	013691	8 ohm ctr-tap
Bronco	---	125A35A	022905	3.2 ohms
Champ	---	125A35A	022905	3.2 ohms
Concert 6G12	45249	---	---	2 ohms
Concert AB763	---	125A9A	022855	2 ohms
Deluxe 5E3	?	---	---	8 ohms
Deluxe, Deluxe Reverb	---	125A1A	022640	8 ohms
Harvard	---	125A2A	---	?
Musicmaster Bass	---	---	026839	8 ohms
Princeton 5B2	7765	---	---	8 ohms
Princeton 5F2A	265	---	---	8 ohms
Princeton, other than above	---	125A10B	022913	8 ohms
Princeton Reverb	---	125A10B	022913	8 ohms
Pro Amp 5C5, 5D5, 5E5, 5E5-A	1846	---	---	8 ohms
Pro AB763, 6G5A	---	125A7A	---	8 ohms
Pro Reverb, all	---	125A6A	022848	4 ohms
Quad Reverb	---	125A29A	022889	4 ohms
Quad Reverb (1978)	---	---	013691	8 ohm ctr-tap

Showman 6G14 (2-5881's)	45550	---	---	8 ohms
Showman 6G14-A (4-5881's)	---	125A4A	---	8 ohms
Single Showman (one spkr)	---	125A30A	022897	8 ohms
Dual Showman (two spkrs)	---	125A29A	022889	4 ohms
Super 6G4	45216	---	---	4 ohms
Super 6G4-A	---	125A6A	022848	4 ohms
Super Reverb	---	125A9A	022855	2 ohms
Super Reverb (1978)	013897	---	---	8 ohm ctr-tap
Super Six Reverb (1976)	---	125A29A	022889	4 ohms
Super Six Reverb (1978)	013691	---	---	8 ohm ctr-tap
Super Twin, Super Twin Reverb	012413	---	---	4 ohms
Tremolux 5E9, 5E9-A, 5G9	108	---	---	8 ohms
Tremolux 6G9, 6G9-A	45217	---	---	8 ohms
Tremolux 6G9-B, AA763, AB763	---	125A6A	022848	4 ohms
Twin 5F8, 5F8-A, 6G8-A (4-5881's)	45268	---	---	4 ohms
Twin 6G8 (4-6L6's)	45548	---	---	4 ohms
Twin Reverb, all	---	125A29A	022889	4 ohms
Vibro-Champ	---	125A35A	022905	3.2 ohms
Vibrolux 6G11	45217	---	---	8 ohms
Vibrolux 6G11-A, AA763	---	125A7A	---	8 ohms
Vibrolux Reverb	---	125A6A	022848	4 ohms
Vibrosonic 6G13-A ("8-ohm")	45548	---	---	4 ohms
Vibrosonic 6G13-A ("16-ohm")	45550	---	---	8 ohms
Vibrosonic Reverb	---	125A30A	022897	8 ohms
Vibroverb 6G16	---	125A6A	---	4 ohms
Vibroverb AA763, AB763	---	125A7A	---	8 ohms

Output impedances are nominal and frequency-dependent. Many amps work with either 4 or 8 ohm loads to allow for extension speakers.

Some blackface Fender amps use an 8-ohm, center-tapped transformer. When a second speaker is plugged in, the center-tap of the output coil is selected, halving the output impedance to 4 ohms.

For more on impedance matching and cabinet wiring, check out our [speaker wiring iFAQ](#).

