

Console

- (a).The rms output voltage V_1 is 43.2V
- (b).The output power P_o is 960W
- (c).The peak transistor current I_p is 20A
The average current of each transistor I_q is 10A
- (d).The peak reverse blocking voltage V_{br} is 48V
- (e).The average supply current I_s is 20A
- (f).The rms harmonic voltage V_h is 20.9232V
The total harmonic distortion factor THD is 48.43 percent
- (g).The distortion factor DF is 5.33 percent
- (h).The least order harmonic LOH is 14.40
The harmonic factor HF3 is 33.33 percent
The distortion factor DF3 is 3.704 percent