60vac

- Will go thru Power on, soft start and pulse-by-pulse current limit during startup. Once +/- 15v caps for secondary and primary is charged (3000u), the max steady state load is only about 1.0w.Still need to protect the protect power supply from aux bias primary or secondary short circuits.

85Vac

- Will go thru Power on, soft start and pulse-by-pulse current limit during startup. Once +/- 15v caps for secondary and primary is charged (3000u), the max steady state load is only about 30.0w. Need to protect the protect power supply from aux bias primary or secondary short circuits. Rectified 85vac will be boosted to 400vdc, 1s after application of 85vac.

275Vac

- Will go thru Power on, soft start and pulse-by-pulse current limit during startup. Once +/- 15v caps for secondary and primary is charged (3000u), the max steady state load is only about 30.0w. Need to protect the protect power supply from aux bias primary or secondary short circuits. Rectified 275vac will be boosted to 400vdc, 1s after application of 275vac.

400vdc

Typically No need to charge the 3000u bias caps since 400vdc state is happening 1s after the application of AC. the max steady state load is only about 30.0w. Need to protect the protect power supply from aux bias primary or secondary short circuits