Alternaturg Vo on a curront Time Poisod (T) = the time taken voltage orasoont to complete one cycl brequency (b) = Whe number of wells about the primes by voltaged & about the nearly value of the working in one cycle of the workent or the voltage in one cycle of has got at at or or - we solve. Then the tenstantaneous value (2) at any time (7) is guilled by $\chi = 20 \sin(\omega t)$ simusodial A.C Voltago

Noorto URMS= 1/2 IRMS Pmean To Vo R=IO VO = PMax wave Reclipios

Full would Partibles (Bridge Rectified) Smoothy maintor discharges Smoothed out put