2 Design single phase 1 01. Upcare = 325.25 Given: Vin = 230 VRMS 501/2 Po = 3.3 KW We = 400 V Maintain a ripple of 5% of at DC links of p. :. DV = 5 x 400 = 20V P= TOH3 => ripple frequency = 10042 = 12 E = B = 8.3×103 = 656.6 MF 217 F. 16 DUS 2× 17 × 100 × 400 × 20 C = 656 buF . For 3 phase -> Pregumcy = 6 x 50 .: 3 phase = 300421 2×17×300×400×20 = 218,911 1 C= 21809 MF Ide = 3.3×103 = 8.25A Rwad = Ydc = 480481