Chapter 10, Solution 88.

The schematic is shown below. We insert IPRINT and PRINT to print I_o and V_o in the output file. Since w = 4, f = w/2π = 0.6366, we set Total Pts = 1, Start Freq = 0.6366, and End Freq = 0.6366 in the AC Sweep box. After simulation, the output file includes:

FREQ	VM($N_0002)	VP($N_0002)
6.366 E-01	3.496 E+01	1.261 E+01

FREQ	IM(V_PRINT2)	IP(V_PRINT2)
6.366 E-01	8.912 E-01	-8.870 E+01

Therefore, $V_o = 34.96\angle 12.6^o$ V, $I_o = 0.8912\angle -88.7^o$ A

$$v_o = \mathbf{34.96\cos(4t + 12.6^o)V}, \qquad i_o = \mathbf{0.8912\cos(4t - 88.7^o)A}$$