<https://learn.sparkfun.com/tutorials/alternating-current-ac-vs-direct-current-dc>

<https://www.school-for-champions.com/science/ac.htm#.WpHPP4PwbIU>

<https://nasrsolar.com/%D8%A7%D9%84%D8%AA%D9%8A%D8%A7%D8%B1-%D8%A7%D9%84%D9%83%D9%87%D8%B1%D8%A8%D8%A7%D8%A6%D9%8A/>

<https://www.arabsmakers.com/%D8%A7%D9%84%D8%AA%D9%8A%D8%A7%D8%B1-%D8%A7%D9%84%D9%85%D8%AA%D8%B1%D8%AF%D8%AF-alternating-current-%D9%88%D8%A7%D9%84%D8%AA%D9%8A%D8%A7%D8%B1-%D8%A7%D9%84%D9%85%D8%B3%D8%AA%D9%85%D8%B1-direct-curr/>