

# Electric Power Systems Weedy Solution

**Electric Power Systems Weedy Solution** - 1.3 a) An electric car has a steady output of 10 kW over its range of 100 km when running at a steady 40 km/h. The efficiency of the car (including batteries) is 65%. At the end of the car's range the batteries are recharged over a period of 10 h. Calculate the average charging power if the efficiency of the battery charger is 90%.

Electric Power Systems has been an essential book in power systems engineering for over thirty years. Bringing the content firmly up-to-date whilst still retaining the flavour of Weedy's extremely popular original, this Fifth Edition has been revised by experts Nick Jenkins, Janaka Ekanayake and Goran Strbac. This wide-ranging text still covers ...Electric Power Systems [B. M. Weedy, B. J. Cory, N. Jenkins, Janaka B. Ekanayake, Goran Strbac] on Amazon.com. \*FREE\* shipping on qualifying offers. The definitive textbook for Power Systems students, providing a grounding in essential power system theory while also focusing on practical power engineering applications. Electric Power Systems has been an essential book in power systems ...write about electric power systems in a way that is accessible to audiences who have not undergone the initiation rites of electrical engineering, but who nevertheless want to get the real story. This experience suggested there might be other people much like myself—outside the power industry, but vitally concerned with it—