

Distinguish, differentiate, compare and explain what is the difference Between AC and DC Motor. Comparison and Differences.

Difference Between AC and DC Motor

Comparison of Electric Motors: AC Motor and DC Motor

1. AC Motors offer single-speed transmission. DC Motors offer multi-speed transmission.
2. AC Motors are light in weight. DC Motors are heavier for the same power.
3. AC Motors are less expensive. DC Motor are higher in cost.
4. AC motor has 95% efficiency at full load. DC motor has 85-89% efficiency at full load.
5. First one has a more expensive controller. The second one has a simple controller.
6. Motor/controller/inverter is more expensive in AC motor. In DC motor, Motor/controller are at lower cost.

Steady Run