

Electrochemical and Photochemical Energy-System Models

g12_u07_w26

Interpret original fictional energy-system cards. No device construction, operation, charging, testing, or product recommendation is requested.

1. What is an energy-system model?

2. What does an input label represent?

3. What does an output label represent?

4. Why must efficiency include boundary and units?

5. What is durability evidence in a card?

6. Why is a durability label not a warranty claim?

7. What does rate label require?

8. Why may two systems differ under conditions?

9. What is a control comparison?

10. Name one omitted condition.

11. Card E reports a higher fictional efficiency. What is supported?

12. What product claim is not supported?

13. Why can a higher efficiency not decide every criterion?

14. What additional fictional evidence card could help?

15. Why should uncertainty stay visible?

16. Give one non-color-only graph feature.

17. State one prohibited device-operation claim.

18. Compare an energy model with a real system.

19. Write a cautious energy-card observation.

20. Write a two-sentence bounded conclusion for Card E.
