



1 Solar PCU, 3 Modes - Hybrid, Solar & Intelligent Mode

Eastman Solar PCU offers **three intelligent operating modes** to ensure **maximum efficiency and power savings**, tailored to different electricity conditions.





Hybrid Mode - Ideal for Rural Areas

Perfect for places with frequent power cuts!

In this mode:

- Priority is given to the grid whenever available, ensuring minimal battery usage.
- If the **grid is unavailable**, the system automatically switches to **solar power**. If both grid and solar are unavailable, **the battery takes over**, keeping your appliances running.

Best for: Rural areas with limited electricity supply.



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Intelligent Mode – Smart & Balanced Power Use

Designed for areas with stable grid power (17-18 hours daily).
In this mode:

- Solar energy takes priority, ensuring maximum savings.
- If solar is insufficient, the system will shift power from the grid.
- The battery is used only as a last resort, ensuring long battery life.

Best for: Urban and semi-urban areas with moderate power supply.





Solar Mode – Maximize Your Solar Savings

Perfect for locations with 20+ hours of grid power daily.
In this mode:

- Solar energy is always the first priority to power your home or business.
- If solar power is low, the system uses battery backup.
- The grid is used only when both solar and battery are insufficient.

Best for: Homes & businesses looking to **reduce electricity bills** with **solar-first operation**.



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