

New hybrid system

Tata BP Solar, India, is offering Solar-AC mains/diesel hybrid power pack and stand-alone solar power pack as trouble-free, long-lasting and cost-effective power solutions. These DC-powered systems work by energy stored in a battery bank that is charged through a solar charge controller. The controller maximizes charging current and prevents excessive discharge/overcharge. In the hybrid system, when the battery voltage falls below a pre-set level, the PCU automatically cuts-off the battery bank from the loads and activates the AC mains/diesel power source to feed the loads directly.

The salient features of these units include:

- A clean, silent and eco-friendly source of power;
- Solar modules convert sunlight into electricity and store it in batteries;
- Negligible maintenance as there are no moving parts;
- Long lifespan for solar module;
- Manufactured in ISO 9001 and ISO 14001 certified plant;
- No recurring fuel cost;
- Simple installation (can be mounted on ground or roof top);
- Advanced features allow remote control and power plant monitoring (optional); and
- Can be installed at point-of-use to avoid transmission losses.

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