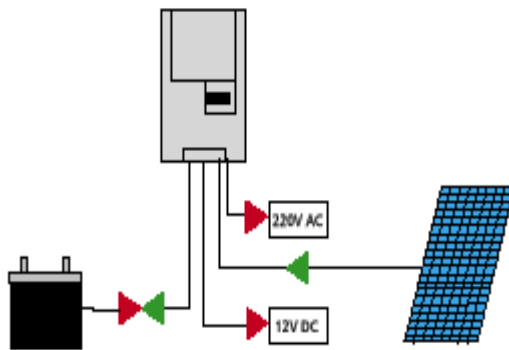


Solar Hybrid Power UPS

MAKING THE BEST OF BOTH THE WORLDS.

Solar Hybrid Version employs a practical method of making the power available under the worst conditions.



The system comprises of Inverter, batteries and solar panels. The inverter takes the power from batteries which are charged from solar and/or mains utility. Panels can be initially of smaller wattage and can be added as and when required to make the system utilise solar power only for battery-charging. The Inverter is plugged to mains utility and load is powered through Inverter. When mains is available in the normal range, it will route the power to the load directly and charge the batteries, if desired. Panels are also connected to the unit which will charge the batteries through built-in charge controller. If mains power fails, Inverter will be automatically on supplying the power from batteries. If power failure is frequent and for longer period of time, batteries can still be in charged condition due to uninterrupted Sun power.

Charge controller for the unit is so designed that additional panels can be added whenever required to make it purely solar power generator. The Inverter has all the features needed for best performance like two level mains charging, protections against over charge, deep discharge, reverse connection, over load and short circuit. Solar charge controller inside has full protections against over charge, reverse flow of current during night, reverse connection of panels. Additional panels can be added to increase percentage sharing of solar power in future.

We have been manufacturing Inverters/UPS and Solar Photovoltaic power systems for years.

This hybrid version is the outcome of our in-house R&D efforts to combine both sources to offer really uninterrupted power under the worst situations. The hybrid models are available in the range of 200VA to 2000VA operating on 12V/24V and using just a single panel of 40W or multiple of the same. The system has the extreme flexibility to suit the exact need of the individual requirement.



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