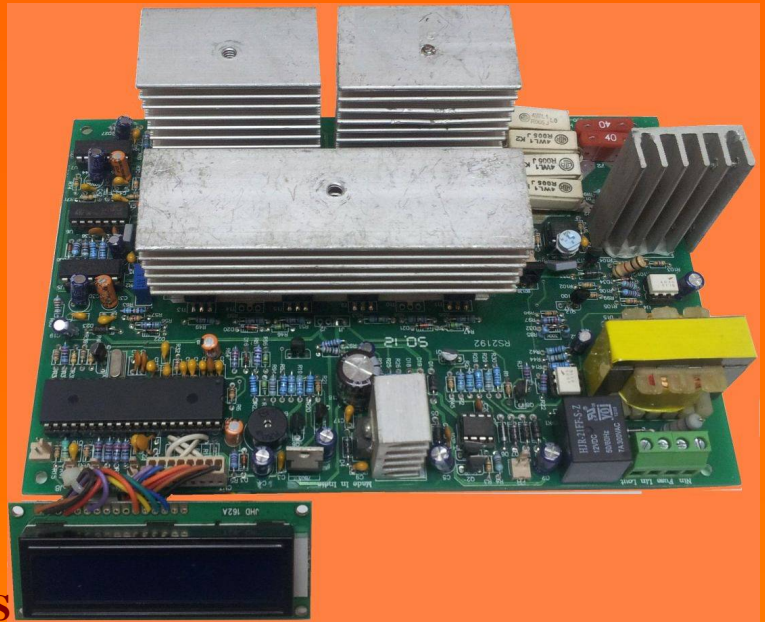


ACE SINEWAVE SOLAR HYBRID UPS KITS

ACE Solar UPS is an integrated system consisting of a Solar Charge Controller, Inverter and an AC Mains Charger. Batteries are charged either through Solar / Grid / DG set or with sharing of current.

System gives priority to Solar Power first and uses Grid power only when Solar Power / Battery Charge is insufficient to meet the load requirements. Battery Voltage, Solar Power output and the load are continuously monitored. When batteries are charged to preset level the Solar UPS automatically cuts off from the system and load runs through the UPS using the batteries. Maximum battery charging is done through the solar to reduce the energy used from grid power.



FEATURES of ACE Solar Hybrid UPS

- * Most advanced integrated Solar Backup.
- * Automatic Utilization of the available Solar Power in an Intelligent manner.
- * Preference to Solar Power when available.
- * Pure Sinewave output in the backup mode.
- * Heavy duty battery charger with current sharing.
- * Option to disable grid charger.
- * Selectable Normal / Tubular battery charging.
- * Multiple stage battery charger to keep battery in top condition.
- * Smart overload and short circuit protection.
- * Intelligent thermal management system.
- * LCD display to monitor the system.
- * Complete monitoring of the energy saved by the system.

SPECIFICATIONS

Rating	- 600VA to 3.5KVA (DC voltage 12 to 48V)
Battery	- 150 to 180 AH (SMF / Lead Acid / Tubular)
AC Charging Current	- 14.0 Amp. \pm 1A . Maximum.

SOLAR CHARGER SPECIFICATIONS

Charging Current	- 14 Amp. (Maximum) \pm 2 Amp.
Protection	- Over Current, PV Reverse, Battery Over Charge, Reverse Current Flow.

BACKUP MODE SPECIFICATIONS

Output Waveform	- Sinewave
Output Voltage	- 230 Volts AC nominal
Complete Battery low, Overload and Short Circuit Protection.	
Overload protection	- retries 5 times & output off.
Short Circuit protection	- retries once & output off.

SRISHTI ELECTRONICS

New Delhi - 110015 Phone : 9810094997

e-mail : dghai65@gmail.com