

DSP SINE WAVE HOME UPS & INVERTERS SERIES



WE MAKE YOUR
LIFE EASY....



SALIENT FEATURES

NORMAL INVERTER & HOME UPS (300VA - 2500VA)

- DSP Based Design with absolute and stable Sine Wave output voltage and frequency
- State of the art MOSFET based PWM technology with greater efficiency at lower cost with Dynamic Stability
- Over Temperature Protection
- More back-up being a Sine Wave UPS (ASIC Control)
- Three stage solar charging (TSSC) suitable for all types of battery charging..
- Deep Discharge Battery charging from A.C. Mains.
- User friendly, feather touch control and selection switches with LED indication on front panel.
- Protection such as Mains Fuse Trip, Overload, Short Circuit, Battery low, Over Temperature indication with buzzer as well as display on LCD available.
- AC Mains available, battery charging /charged and its voltage indication provided on LCD display.
- Battery type charging selection (Tubular /Flat /SMF/GEL)
- Grid charging enable /disable options which makes it fully compatible with solar.
- Selectable battery charging current (High /Low).
- Resettable AC circuit breaker which reduce service calls.
- Selectable mode for UPS/Inverter.
- External DC fuse for reverse battery protection.
- Bypass switch in case of any fault
- Comprehensive LCD Display
- Resettable A.C. fuse

APPLICATIONS

- ▶ Power Back-up for House hold, Small shops, Small offices etc.
- ▶ Small Water pumps and all motor based small applications
- ▶ TV Sets, Fans, Tube Lights, computers etc.



300VA | 700VA | 900VA | 1100VA | 1600VA | 2100VA | 2500VA

DSP SINE WAVE HOME UPS & INVERTERS SERIES



Our products are the outcome of passion of a few young and enthusiastic technocrats. Since its inception the company has conquered new horizons and set new standards for the industry. Cutting-edge technology international class of manufacturing facilities and total focus on quality & testing ensure that all our Inverters & UPS, give sustained trouble free performance for a long time.

Lento pioneered Pure Sine Wave technology in its Inverters, UPS and power supplies. Our Sine Wave inverters gives stable frequency and voltage, mimicking mains power supply, making it perfectly suitable power to expensive equipments, especially inductive loads which not work well on square waves.

finike lithium Sine wave Home UPS & Inverter delivers quality output with reliable performance at a reasonable price. finike lithium based Sine wave inverters & UPS are specialized in providing clean and stable power supply to all connected appliance and equipments.

TECHNICAL SPECIFICATIONS OF SINE WAVE HOME UPS / INVERTERS

PARAMETERS/CHECKS	MODELS				
Model / Capacity	300VA/700VA-12V DC	900VA-12V DC	1100VA-12V DC	1600VA/12V-24V DC	2100VA/2500VA-24V DC
Maximum No Load Current @ Full Charge Battery	≤ 2.2A			≤2.4A	≤2.2A
O/P Voltage @ No Load	220V ± 7V				
Full Load Battery Current	20A±2A	45A±2A	55A±2A	65A ± 2A	51A ± 2A
O/P Voltage @ Full Load	180-220V				
Over Load Protection	>22A	>46A	>56A	>66A	>52A
Battery Low Alarm	10.6 ± 0.2V				
Battery Low Protection	10.4 ± 0.2V				
Short Ckts Protection (One Retry)	OK				
INV Out Put Frequency	50.0Hz ± 0.5Hz				
UPS MODE					
Input Voltage Range	180 - 260V				
Low Cut Voltage	180V ± 10V				
Low Cut Voltage Recovery	190V ± 10V				
High Cut	260V ± 10V				
High Cut Recovery	255 V ± 10 V				
Maximum Change Over Time	< 10ms				
NORMAL MODE					
Input Voltage Range	100 - 280V				
Low Cut Voltage	100V ± 10V				
Low Cut Voltage Recovery	110V ± 10V				
High Cut	280V ± 10V				
High Cut Recovery	270V ± 10V				
Maximum Change Over Time	< 40ms				
CHARGING MODE					
Charging Current @ 220VAC (NC)	11A ± 1A	11A ± 1A	12A ± 1A	12A ± 1A	12A ± 1A
Charging Current @ 220vac (HC)	13A ± 1A	14A ± 1A	14A ± 1A	14A ± 1A	14A ± 1A
Boost Charging Voltage Per Battery (HC/NC)	Settable for Tub-14.4V / 28.8V, GEL-14.2/28.4V, SMF-14.2/28.4V, FLAT-14.2/28.4V				
Float Charging Voltage Per Battery	13.6V ± 0.2V				
Short Circuit	YES				
PROTECTION					
Over Load Auto Retries	6 times				
Battery Voltage Low (Auto Retries)	4 times				
WEIGHT & DIMENSIONS					
Model	300VA/700VA	900VA	1100VA	1600VA	2100VA/2500VA
Dimensions	342x320x195mm	360x345x185mm	360x345x185mm	405x345x240mm	380x350x330mm
Net Weight	7Kg/9.1Kg	9.95Kg	11.2Kg	17.25Kg	19Kg/22Kg
Gross Weight	8Kg/9.8Kg	10.80 Kg	12Kg	18.6Kg	21Kg/24Kg